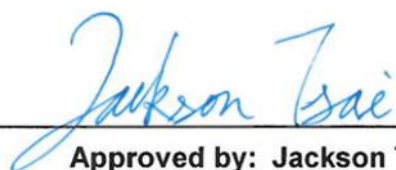


FCC Radio Test Report

FCC ID : UDX-600214010
Equipment : Cisco Wireless 9172I Series Wi-Fi 7 Access Point
Brand Name : CISCO
Model Name : CW9172I
Applicant : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Aug. 29, 2024, and testing was started from Sep. 12, 2024 and completed on Oct. 02, 2024. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



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History of this test report

[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

Reviewed by: Ryan Hsiao

Report Producer: Michelle Tsai



1 General Description

1.1 Information

Radio 3 (Scan radio) is only RX function.

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20), be (EHT20)	5260-5320	52-64 [4]
5250-5350	n (HT40), ac (VHT40), ax (HEW40), be (EHT40)	5270-5310	54-62 [2]
5250-5350	ac (VHT80), ax (HEW80) , be (EHT80)	5290	58 [1]
5150-5350	ac (VHT160), ax (HEW160), be (EHT160)	5250	50 [1]

Non-Beamforming_Radio 2_1TX

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11a	20	1TX
5.25-5.35GHz	802.11be EHT20	20	1TX
5.25-5.35GHz	802.11be EHT40	40	1TX
5.25-5.35GHz	802.11be EHT80	80	1TX
5.15-5.25GHz	802.11be EHT160	160	1TX
5.25-5.35GHz	802.11be EHT160	160	1TX

Non-Beamforming_Radio 2_2TX

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11a	20	2TX
5.25-5.35GHz	802.11be EHT20	20	2TX
5.25-5.35GHz	802.11be EHT40	40	2TX
5.25-5.35GHz	802.11be EHT80	80	2TX
5.15-5.25GHz	802.11be EHT160	160	2TX
5.25-5.35GHz	802.11be EHT160	160	2TX

Non-Beamforming_Radio 2_4TX

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11a	20	4TX
5.25-5.35GHz	802.11be EHT20	20	4TX
5.25-5.35GHz	802.11be EHT40	40	4TX
5.25-5.35GHz	802.11be EHT80	80	4TX
5.15-5.25GHz	802.11be EHT160	160	4TX
5.25-5.35GHz	802.11be EHT160	160	4TX

**Beamforming_Radio 2_2TX**

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11be EHT20-BF	20	2TX
5.25-5.35GHz	802.11be EHT40-BF	40	2TX
5.25-5.35GHz	802.11be EHT80-BF	80	2TX
5.15-5.25GHz	802.11be EHT160-BF	160	2TX
5.25-5.35GHz	802.11be EHT160-BF	160	2TX

Beamforming_Radio 2_4TX

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11be EHT20-BF	20	4TX
5.25-5.35GHz	802.11be EHT40-BF	40	4TX
5.25-5.35GHz	802.11be EHT80-BF	80	4TX
5.15-5.25GHz	802.11be EHT160-BF	160	4TX
5.25-5.35GHz	802.11be EHT160-BF	160	4TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80 and EHT160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160/HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Sercomm	6172004VJHDB1H	PIFA	I-Pex	2.4G	Radio1
					5G	Radio 2
2	Sercomm	6172004VJHDB2V	PIFA	I-Pex	2.4G	Radio1
					5G	Radio 2
3	Sercomm	6172004VJH561H	PIFA	I-Pex	5G/6G	Radio 2
4	Sercomm	6172004VJH562V	PIFA	I-Pex		
5	Sercomm	6172004VJHSC1V	PIFA	I-Pex	2.4G/5G/6G	Scan Radio 3 (RX)
6	Sercomm	6172004VJHSC2V	PIFA	I-Pex		
7	Sercomm	6172004VJHBLEV	PIFA	I-Pex	BT	Radio 4

Ant.	Port	Gain (dBi)									
		2.4G	5G				6G				BT
			UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	
1	1	3.78	3.45	2.71	4.22	3.86	-	-	-	-	-
2	2	4.06	3.44	3.37	4.88	4.62	-	-	-	-	-
3	3	-	5.26	5.46	5.47	4.92	6.23	5.81	5.59	5.80	-
4	4	-	4.03	5.09	4.08	4.73	4.68	3.89	3.74	4.66	-
5	1	2.4	2.87	2.96	3.08	2.71	3.61	3.17	4.38	3.32	-
6	2	2.3	3.24	3.56	3.46	3.18	3.96	4.12	3.98	4.08	-
7	1	-	-	-	-	-	-	-	-	-	2.23

Composite Gain (dBi)										
Wi-Fi Mode	2.4G		5G							
	Radio 1_2TX		Radio 2_2TX				Radio 2_4TX			
			UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-1	UNII-2A	UNII-2C	UNII-3
DG [1SS]	4.65		4.96	5.14	5.8	6.03	6.76	6.31	6.67	6.69
DG [2SS]	4.06		3.45	3.37	4.88	4.62	5.26	5.46	5.47	4.92
DG [4SS]	-		-	-	-	-	5.26	5.46	5.47	4.92

Composite Gain (dBi)										
6G Radio 2_2TX										
Wi-Fi Mode	UNII-5		UNII-6		UNII-7		UNII-8			
DG [1SS]	6.84		7.04		6.2		6.56			
DG [2SS]	6.23		5.81		5.59		5.8			

Note 1: The EUT has seven antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v01 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP470202-01.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax/be mode (1TX/1RX) (Radio 1)

Ant. 1 (port 1) could transmit/receive.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) (Radio 1)

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2RX) (Radio 3)

Ant. 5 (port 1) and Ant. 6 (port 2) could receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode (1TX/1RX) (Radio 2)

Ant. 1 (port 1) could transmit/receive.

For IEEE 802.11 a/n/ac/ax/be mode (2TX/2RX) (Radio 2)

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) (Radio 2)

Ant. 1 (port 1), Ant. 2 (port 2), Ant. 3 (port 3) and Ant. 4 (port 4) could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (2RX) (Radio 3)



Ant. 5 (port 1) and Ant. 6 (port 2) could receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX) (Radio 4)

Ant. 7 (port 1) could transmit/receive.

For 6GHz function:

For IEEE 802.11 ax/be mode (1TX/1RX) (Radio 2)

Ant. 3 (port 3) could transmit/receive.

For IEEE 802.11 ax/be mode (2TX/2RX) (Radio 2)

Ant. 3 (port 3) and Ant. 4 (port 4) could transmit/receive simultaneously.

For IEEE 802.11 ax mode (2RX) (Radio 3)

Ant. 5 (port 1) and Ant. 6 (port 2) could receive simultaneously.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter / PoE		
EUT Function	☐ Outdoor AP	☒ Indoor AP	
	☐ Fixed P2P AP	☐ Client	
Beamforming Function	☒ With beamforming	☐ Without beamforming	
Resource Unit	☒ Full RU	☐ Partial RU	
	☐ MRU(static preamble puncturing)	☐ MRU(dynamic preamble puncturing)	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:	...	
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

1.1.4 Mode Test Duty Cycle**Non-Beamforming_Radio 2_1TX**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

**Non-Beamforming_Radio 2_2TX**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.991	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.976	0.11	4.544m	300
802.11be EHT40_Nss1,(MCS0)_2TX	0.953	0.21	2.322m	500
802.11be EHT80_Nss1,(MCS0)_2TX	0.949	0.23	2.147m	500
802.11be EHT160_Nss1,(MCS0)_2TX	0.951	0.22	2.144m	500

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_4TX

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_4TX	0.99	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_4TX	0.978	0.1	5.403m	200
802.11be EHT40_Nss1,(MCS0)_4TX	0.975	0.11	4.566m	300
802.11be EHT80_Nss1,(MCS0)_4TX	0.955	0.2	2.219m	500
802.11be EHT160_Nss1,(MCS0)_4TX	0.951	0.22	2.147m	500

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming_Radio 2_2TX

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming_Radio 2_4TX

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.978	0.1	5.403m	200
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.975	0.11	4.566m	300
802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.955	0.2	2.219m	500
802.11be EHT160-BF_Nss1,(MCS0)_4TX	0.951	0.22	2.147m	500

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ KDB 789033 D02 v02r01

The following reference test guidance is not within the scope of accreditation of TAF:

- ♦ KDB 662911 D01 v02r01
- ♦ KDB 662911 D03 v01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
(TAF: 3785)	TEL: 886-3-327-3456	FAX: 886-3-327-0973		
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward Wang	22.1~23.6°C / 53~58%	02/Oct/2024
RF Conducted (2TX/4TX)	TH07-HY	Yuna Lin	23.1~23.9°C / 50~55%	16/Sep/2024~25/Sep/2024
Radiated (Co-location)	03CH02-HY	Vasari Huang	23.5~25.2°C / 52~55%	23/Sep/2024
Radiated (R2_1TX_Below 1G)	03CH03-HY	Simon Cheng	20.8~22.4°C / 61~63%	16/Sep/2024~02/Oct/2024
Radiated (R2_2TX_Below 1G)	03CH03-HY	Simon Cheng	20.5~21.7°C / 57~62%	15/Sep/2024~20/Sep/2024
Radiated (R2_4TX_Below 1G)	03CH03-HY	Simon Cheng	20.5~21.7°C / 57~62%	16/Sep/2024~20/Sep/2024
☒ Wenhua 3rd.	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
(TAF: 3785)	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted(1TX)	TH06-HY	Johnny Yu	23.7~23.9°C / 50~55%	26/Sep/2024~01/Oct/2024
Radiated (R2_1TX_Above 1G)	03CH25-HY	Andy Wang	21.3~22.6°C / 59~63%	29/Sep/2024~30/Sep/2024
Radiated (R2_2TX_Above 1G)	03CH25-HY	Andy Wang	21.7~22.1°C / 60~63%	12/Sep/2024
Radiated (R2_4TX_Above 1G)	03CH25-HY	Andy Wang	21.1~22.5°C / 60~65%	12/Sep/2024~13/Sep/2024

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ($k=2$))

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Receiver Radiated Unwanted Emissions	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	qdart_conn.win.1.0_installer_00099.1
-----------------------	--------------------------------------

Non-Beamforming _Radio 2_1TX

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5260MHz	22
5300MHz	22
5320MHz	22
802.11be EHT20_Nss1,(MCS0)_1TX	-
5260MHz	22
5300MHz	22
5320MHz	22
802.11be EHT40_Nss1,(MCS0)_1TX	-
5270MHz	22
5310MHz	22
802.11be EHT80_Nss1,(MCS0)_1TX	-
5290MHz	21.5
802.11be EHT160_Nss1,(MCS0)_1TX	-
5250MHz Straddle 5.15-5.25GHz	20.5
5250MHz Straddle 5.25-5.35GHz	20.5

Non-Beamforming _Radio 2_2TX

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	20
5300MHz	20.5
5320MHz	20.5
802.11be EHT20_Nss1,(MCS0)_2TX	-
5260MHz	20
5300MHz	20.5
5320MHz	20.5
802.11be EHT40_Nss1,(MCS0)_2TX	-
5270MHz	20
5310MHz	20.5
802.11be EHT80_Nss1,(MCS0)_2TX	-
5290MHz	20.5
802.11be EHT160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	19.5
5250MHz Straddle 5.25-5.35GHz	19.5

**Non-Beamforming_Radio 2_4TX**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	17.5
5300MHz	17.5
5320MHz	17.5
802.11be EHT20_Nss1,(MCS0)_4TX	-
5260MHz	17
5300MHz	17.5
5320MHz	17.5
802.11be EHT40_Nss1,(MCS0)_4TX	-
5270MHz	17.5
5310MHz	17.5
802.11be EHT80_Nss1,(MCS0)_4TX	-
5290MHz	17.5
802.11be EHT160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	18.5
5250MHz Straddle 5.25-5.35GHz	18.5

Beamforming_Radio 2_2TX

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5260MHz	20
5300MHz	20
5320MHz	20.5
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5270MHz	20
5310MHz	20.5
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5290MHz	20.5
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	19.5
5250MHz Straddle 5.25-5.35GHz	19.5

**Beamforming_Radio 2_4TX**

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-
5260MHz	16.5
5300MHz	17
5320MHz	17
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-
5270MHz	17
5310MHz	17
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-
5290MHz	17
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	18.5
5250MHz Straddle 5.25-5.35GHz	18.5

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	PoE mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	PoE mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V (R2-4TX)	V (R2-2TX)	V (R2-1TX)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Radio 1: 2.4G (2*2) + Radio 2: 5G (2*2) + Radio 2: 6G (2*2) + BT
Refer to Sporton Test Report No.: FA470202-01AA for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Wall Mount	Brand Name	CISCO	Model Name	69-2160-04
Ceiling	Brand Name	CISCO	Model Name	800-26066-03

Reminder: Regarding to more detail and other information, please refer to user manual.

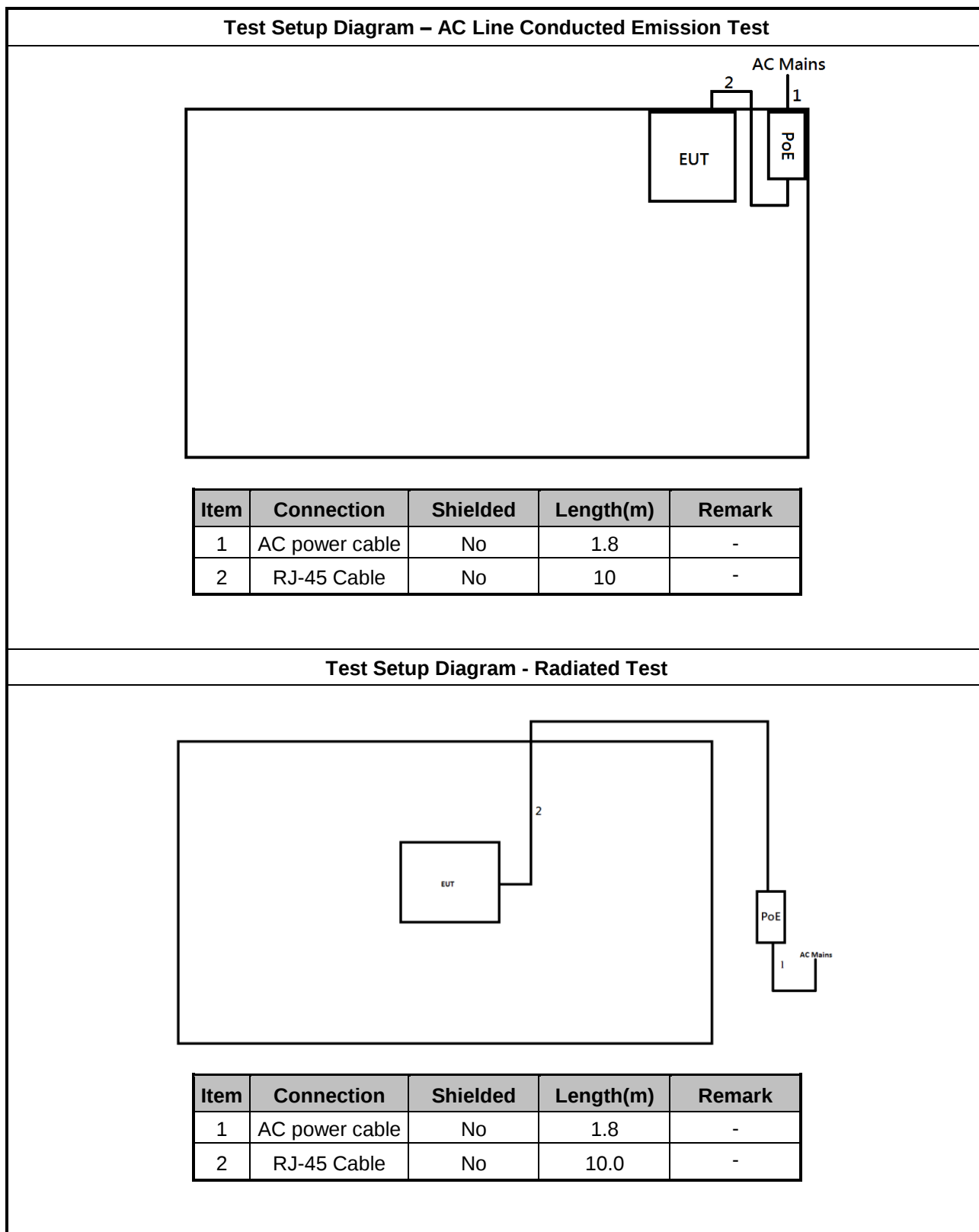
2.4 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC power cable	Power sync	PW-GPC180-3	-	-
2	PoE	PHIHONG	POE29U-1AT(PL)	-	Provided by Customer

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	PoE	Microsemi	PD-9001GR/AT/AC	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	PoE	PHIHONG	POE29U-1AT(PL)	-	Provided by Customer
2	AC power cable	Power sync	PW-GPC180-3	-	-

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

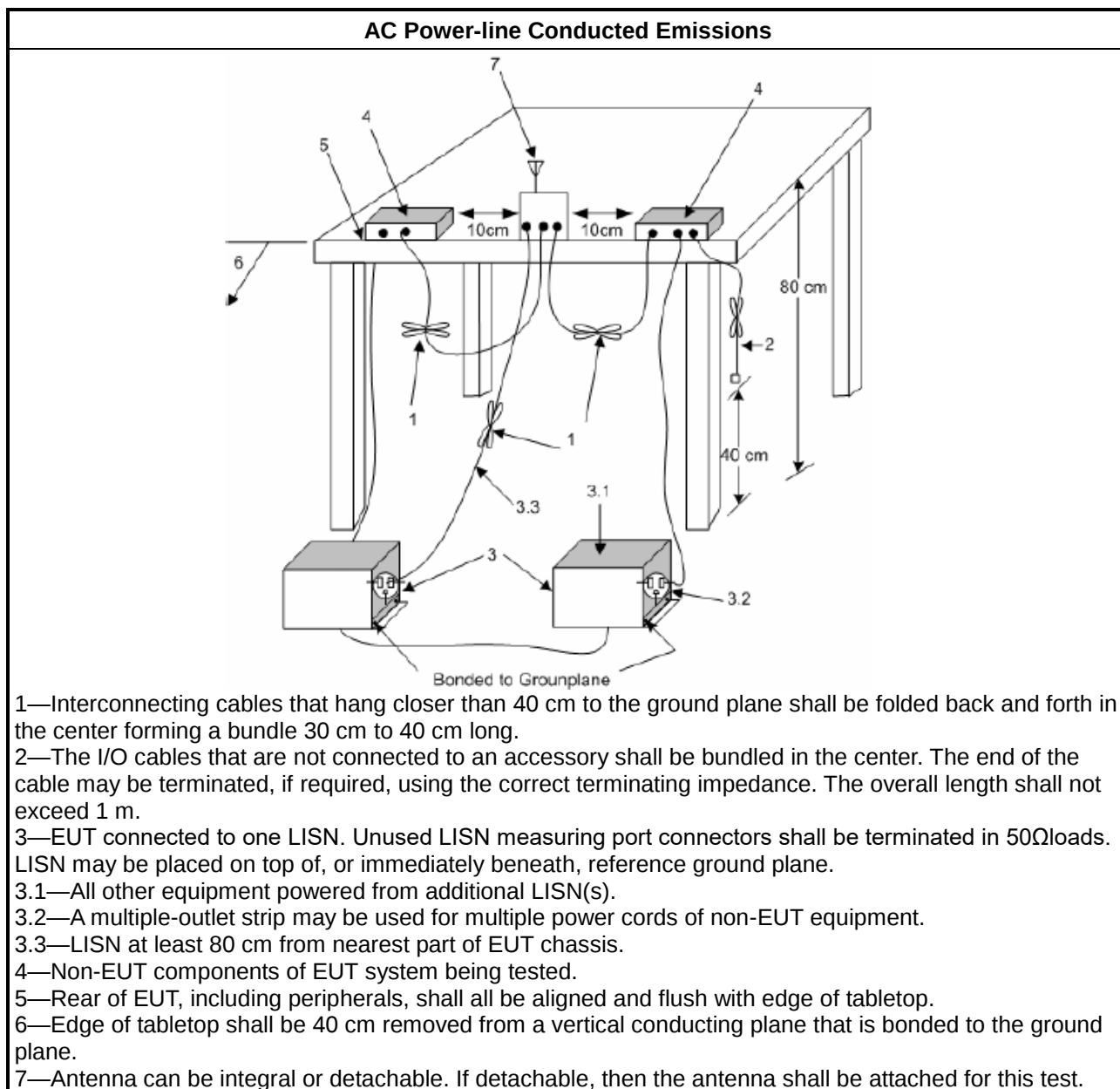
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☐	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, N/A
☐	For the 5.47-5.725 GHz band, N/A
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

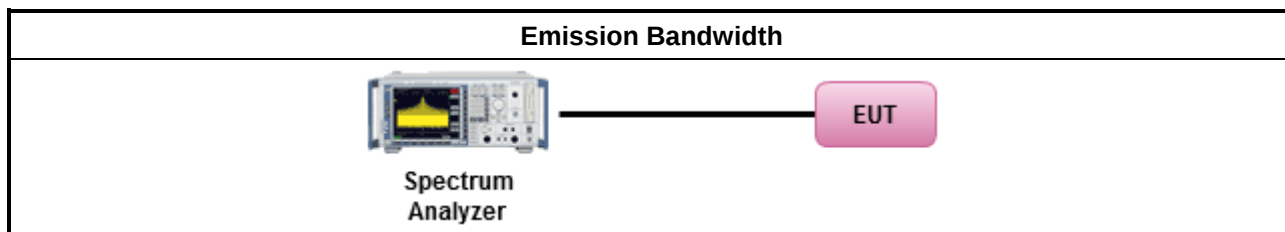
3.2.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☐ For the 5.15-5.25 GHz band:	
	Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$
	Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$.
	Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☐ For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☐ For the 5.725-5.85 GHz band:	
	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$.
	Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

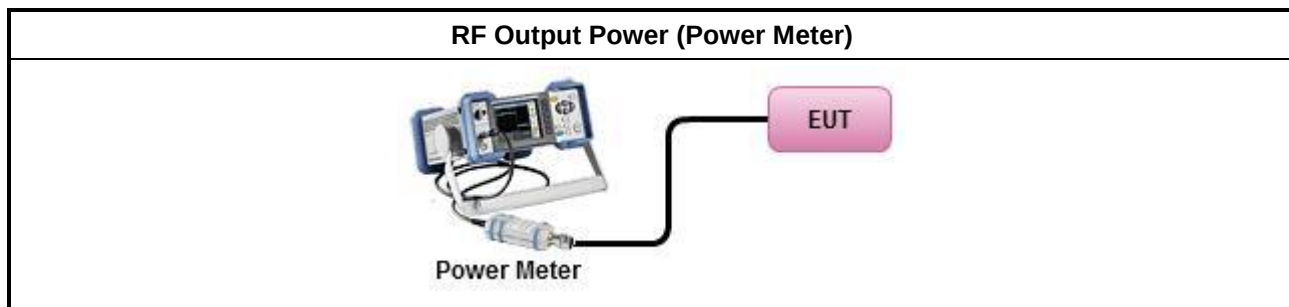
3.3.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☒	Refer as KDB 789033, clause E Method PM (using an RF average power meter).
For conducted measurement.	
	If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	If multiple transmit chains, EIRP calculation could be following as methods: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☐ For the 5.15-5.25 GHz band:	
	Outdoor AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
	Indoor AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
	Point-to-point AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$.
	Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☐ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☐ For the 5.725-5.85 GHz band:	
	Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$.
	Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

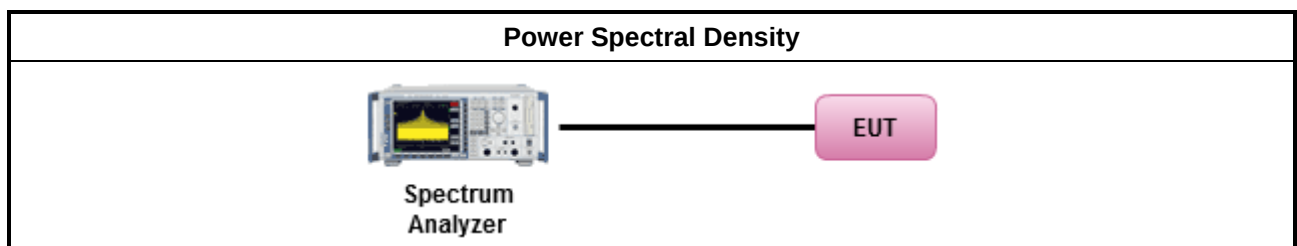
3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐ Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth	Duty cycle ≥ 98%
☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).	Duty cycle < 98%
☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.	
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

3.5.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
☒	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.

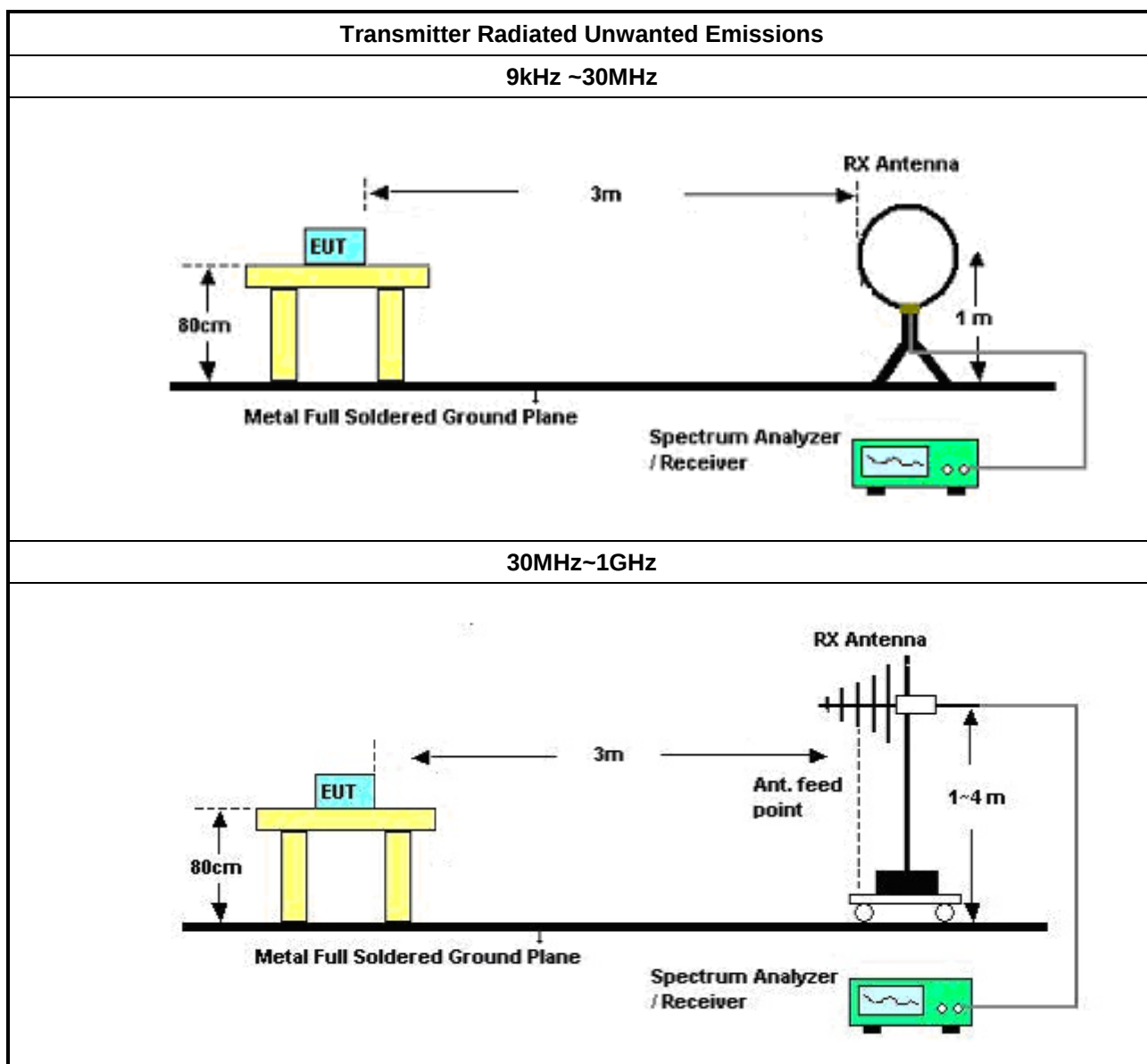
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

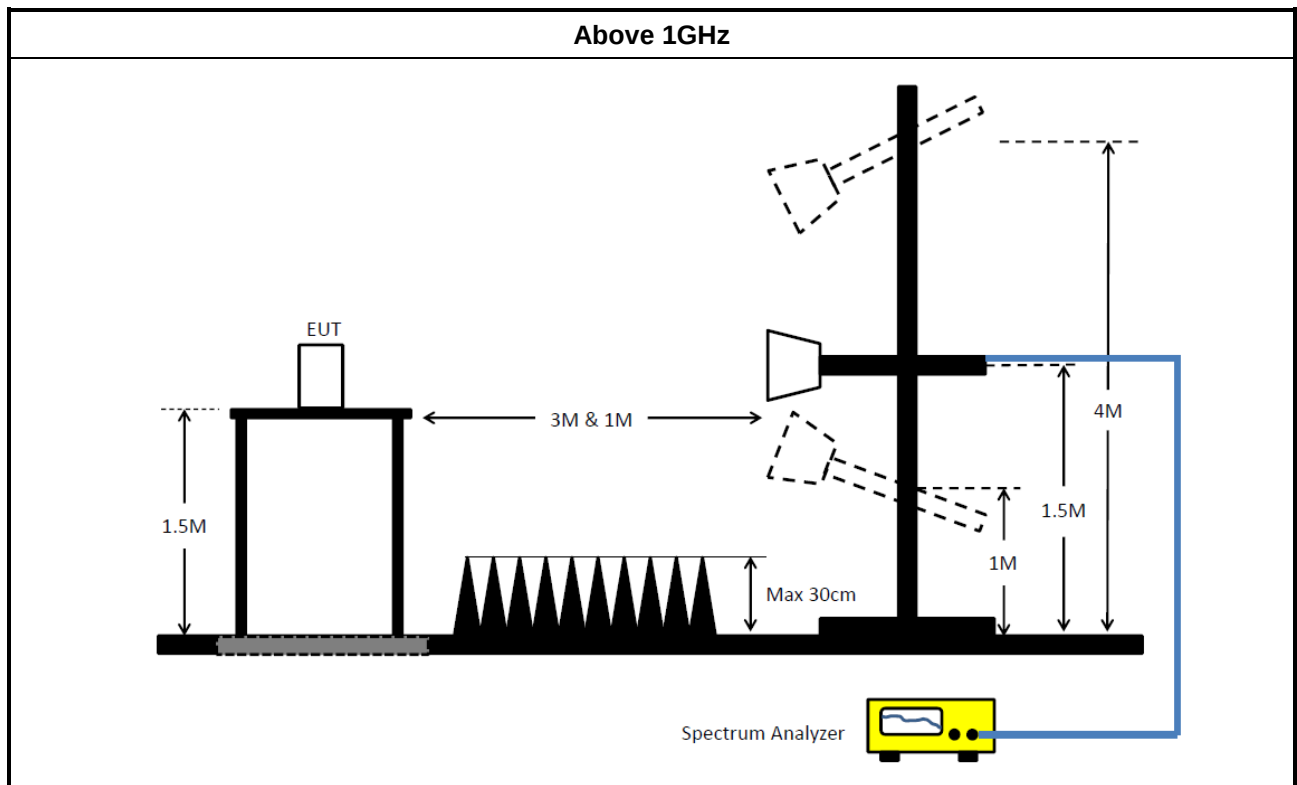
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	17/May/2024	16/May/2025
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101274	9kHz ~ 30MHz	18/Jun/2024	17/Jun/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	27/Feb/2024	26/Feb/2025
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	18/Oct/2023	17/Oct/2024
Sporton	SENSE-EMI	V5.11.3	N/A	N/A	N/A	N/A

NCR: No Calibration Required

Instrument for Conducted Test_TH06-HY

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	30/Oct/2023	29/Oct/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	01/Apr/2024	31/Mar/2025
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	02/Apr/2024	01/Apr/2025
SENSE-15407_NII	Sporton	V5.11.20	N/A	N/A	N/A	N/A

Instrument for Conducted Test_TH07-HY

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	9kHz~40GHz	02/Feb/2024	01/Feb/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	15/Dec/2023	14/Dec/2024
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	15/Dec/2023	14/Dec/2024
SENSE-15407_NII	Sporton	V5.11.20	N/A	N/A	N/A	N/A

**Instrument for Radiated Test_03CH03-HY**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	14/Jul/2024	13/Jul/2025
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	03/May/2024	02/May/2025
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	26/Oct/2023	25/Oct/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	15/Oct/2023	14/Oct/2024
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	12/Jun/2024	11/Jun/2025
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	30MHz~1GHz	12/Jun/2024	11/Jun/2025
Amplifier	Aglient	8447D	2944A08033	100kHz~1.3GHz	13/Sep/2024	12/Sep/2025
SENSE-15407-NII	Sporton	V5.11.20	NA	NA	NA	NA

Instrument for Radiated Test_03CH25-HY

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	08/Aug/2024	07/Aug/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	17/Nov/2023	16/Nov/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	23/Apr/2024	22/Apr/2025
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz ~18GHz	24/May/2024	23/May/2025
Microwave System Prempplier	KEYSIGHT	83017A	MY53270197	1 GHz ~ 26.5 GHz	26/Jan/2024	25/Jan/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407-NII	Sporton	V5.11.20	NA	NA	NA	NA

**Instrument for Radiated Test_03CH02-HY**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	14/Jul/2024	13/Jul/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1534	1GHz~18GHz	21/Mar/2024	20/Mar/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-01	1GHz~40GHz	15/Feb/2024	14/Feb/2025
Amplifier	EM	EM01G18G	060870	1GHz~18GHz	12/Aug/2024	11/Aug/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	19/Apr/2024	18/Apr/2025
SENSE-EMI	Sporton	V5.11.8	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline

Appendix A

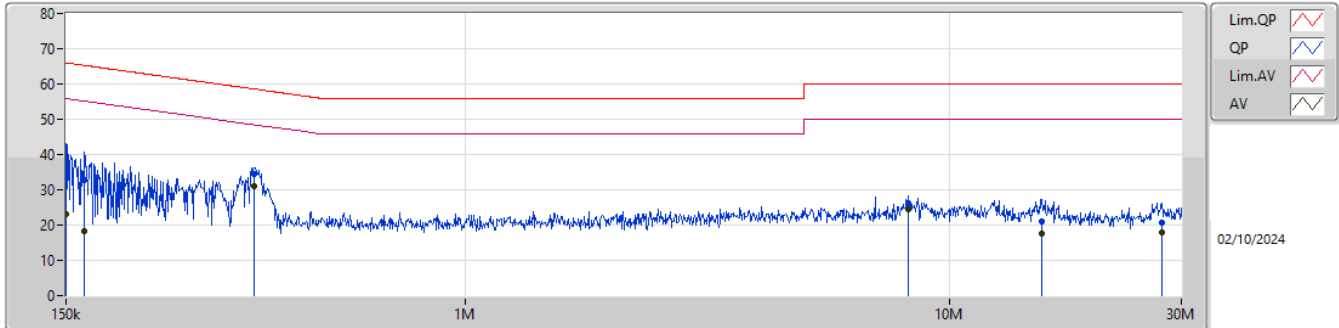
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	363.895k	32.50	48.64	-16.14	Neutral

Result

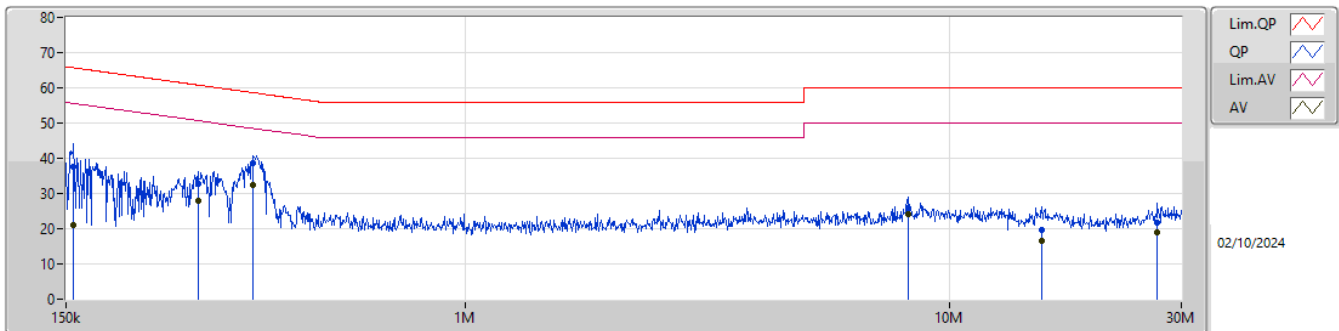
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	38.39	66.00	-27.61	Line
Mode 1	Pass	AV	150k	23.00	56.00	-33.00	Line
Mode 1	Pass	QP	163.769k	32.62	65.27	-32.65	Line
Mode 1	Pass	AV	163.769k	18.18	55.27	-37.09	Line
Mode 1	Pass	QP	366.811k	34.46	58.58	-24.12	Line
Mode 1	Pass	AV	366.811k	31.05	48.58	-17.53	Line
Mode 1	Pass	QP	8.19M	26.30	60.00	-33.70	Line
Mode 1	Pass	AV	8.19M	24.65	50.00	-25.35	Line
Mode 1	Pass	QP	15.45M	21.19	60.00	-38.81	Line
Mode 1	Pass	AV	15.45M	17.68	50.00	-32.32	Line
Mode 1	Pass	QP	27.343M	20.84	60.00	-39.16	Line
Mode 1	Pass	AV	27.343M	17.91	50.00	-32.09	Line
Mode 1	Pass	QP	155.487k	37.42	65.69	-28.27	Neutral
Mode 1	Pass	AV	155.487k	20.94	55.69	-34.75	Neutral
Mode 1	Pass	QP	280.727k	32.60	60.80	-28.20	Neutral
Mode 1	Pass	AV	280.727k	27.88	50.80	-22.92	Neutral
Mode 1	Pass	QP	363.895k	38.46	58.64	-20.18	Neutral
Mode 1	Pass	AV	363.895k	32.50	48.64	-16.14	Neutral
Mode 1	Pass	QP	8.19M	25.92	60.00	-34.08	Neutral
Mode 1	Pass	AV	8.19M	24.30	50.00	-25.70	Neutral
Mode 1	Pass	QP	15.45M	19.72	60.00	-40.28	Neutral
Mode 1	Pass	AV	15.45M	16.70	50.00	-33.30	Neutral
Mode 1	Pass	QP	26.803M	21.76	60.00	-38.24	Neutral
Mode 1	Pass	AV	26.803M	18.87	50.00	-31.13	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	150k	38.39	66.00	-27.61	19.49	Line	-	18.90	9.66	0.07	9.76
AV	150k	23.00	56.00	-33.00	19.49	Line	-	3.51	9.66	0.07	9.76
QP	163.769k	32.62	65.27	-32.65	19.46	Line	-	13.16	9.66	0.07	9.73
AV	163.769k	18.18	55.27	-37.09	19.46	Line	-	-1.28	9.66	0.07	9.73
QP	366.811k	34.46	58.58	-24.12	19.52	Line	-	14.94	9.65	0.12	9.75
AV	366.811k	31.05	48.58	-17.53	19.52	Line	-	11.53	9.65	0.12	9.75
QP	8.19M	26.30	60.00	-33.70	19.55	Line	-	6.75	9.71	0.05	9.79
AV	8.19M	24.65	50.00	-25.35	19.55	Line	-	5.10	9.71	0.05	9.79
QP	15.45M	21.19	60.00	-38.81	19.61	Line	-	1.58	9.69	0.09	9.83
AV	15.45M	17.68	50.00	-32.32	19.61	Line	-	-1.93	9.69	0.09	9.83
QP	27.343M	20.84	60.00	-39.16	19.65	Line	-	1.19	9.62	0.23	9.80
AV	27.343M	17.91	50.00	-32.09	19.65	Line	-	-1.74	9.62	0.23	9.80

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	155.487k	37.42	65.69	-28.27	19.42	Neutral	-	18.00	9.60	0.07	9.75
AV	155.487k	20.94	55.69	-34.75	19.42	Neutral	-	1.52	9.60	0.07	9.75
QP	280.727k	32.60	60.80	-28.20	19.42	Neutral	-	13.18	9.60	0.10	9.72
AV	280.727k	27.88	50.80	-22.92	19.42	Neutral	-	8.46	9.60	0.10	9.72
QP	363.895k	38.46	58.64	-20.18	19.47	Neutral	-	18.99	9.60	0.12	9.75
AV	363.895k	32.50	48.64	-16.14	19.47	Neutral	-	13.03	9.60	0.12	9.75
QP	8.19M	25.92	60.00	-34.08	19.49	Neutral	-	6.43	9.65	0.05	9.79
AV	8.19M	24.30	50.00	-25.70	19.49	Neutral	-	4.81	9.65	0.05	9.79
QP	15.45M	19.72	60.00	-40.28	19.59	Neutral	-	0.13	9.67	0.09	9.83
AV	15.45M	16.70	50.00	-33.30	19.59	Neutral	-	-2.89	9.67	0.09	9.83
QP	26.803M	21.76	60.00	-38.24	19.68	Neutral	-	2.08	9.66	0.21	9.81
AV	26.803M	18.87	50.00	-31.13	19.68	Neutral	-	-0.81	9.66	0.21	9.81

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_1TX	79.68M	77.561M	77M6D1D	79.68M	77.561M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.045M	16.932M	16M9D1D	21.67M	16.58M
802.11be EHT20_Nss1,(MCS0)_1TX	22.55M	19.065M	19M1D1D	22.11M	18.966M
802.11be EHT40_Nss1,(MCS0)_1TX	44M	38.031M	38M0D1D	40.26M	37.981M
802.11be EHT80_Nss1,(MCS0)_1TX	87.34M	77.561M	77M6D1D	87.34M	77.561M
802.11be EHT160_Nss1,(MCS0)_1TX	82.56M	77.641M	77M6D1D	82.56M	77.641M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5260MHz	Pass	Inf	22.22M	16.756M
5300MHz	Pass	Inf	23.045M	16.932M
5320MHz	Pass	Inf	21.67M	16.58M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	22.385M	19.04M
5300MHz	Pass	Inf	22.55M	19.065M
5320MHz	Pass	Inf	22.11M	18.966M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	44M	38.031M
5310MHz	Pass	Inf	40.26M	37.981M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	87.34M	77.561M
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.68M	77.561M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.56M	77.641M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

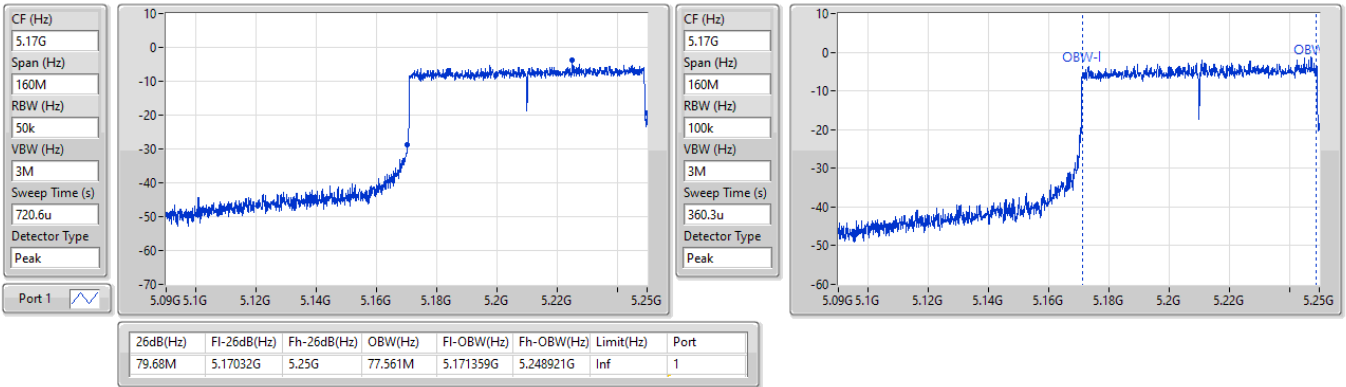
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.15-5.25GHz

01/10/2024

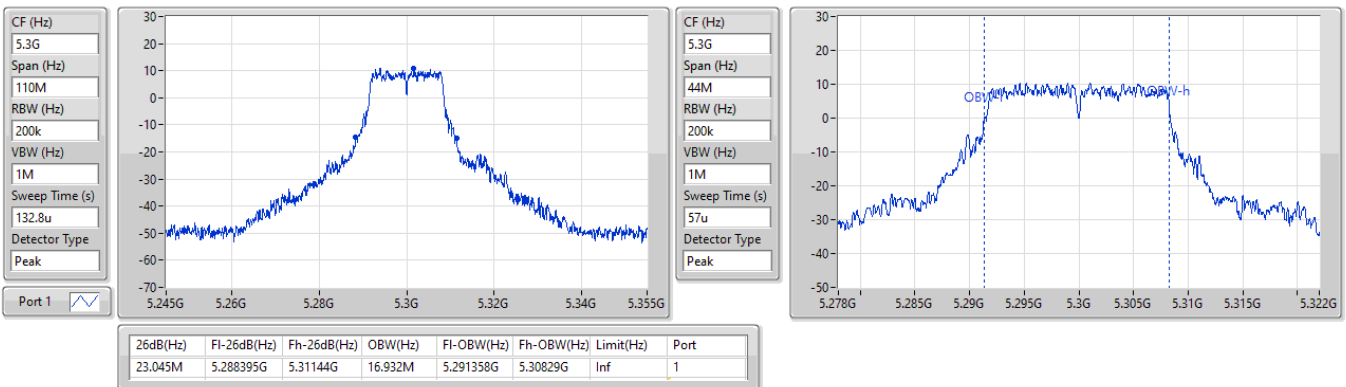


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5300MHz

01/10/2024

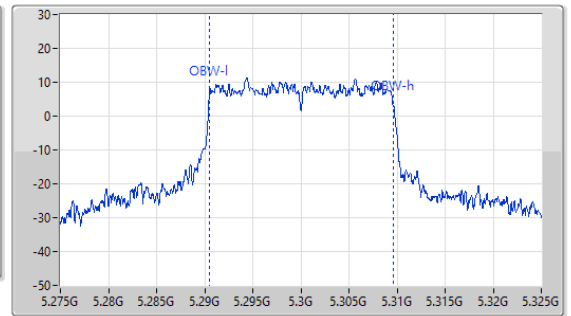
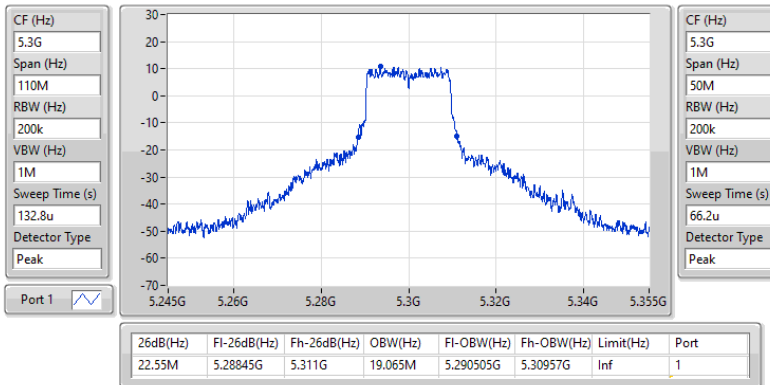


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5300MHz

01/10/2024

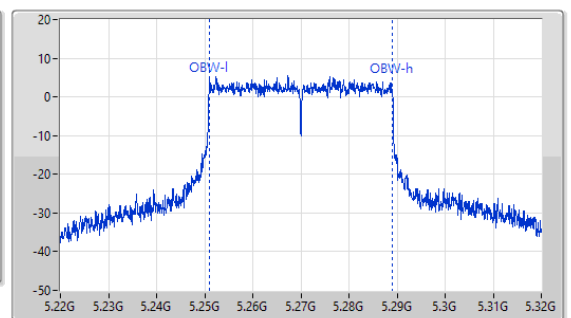
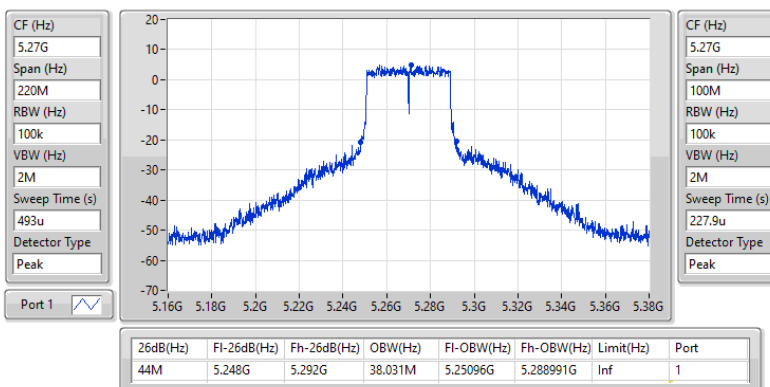


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5270MHz

01/10/2024

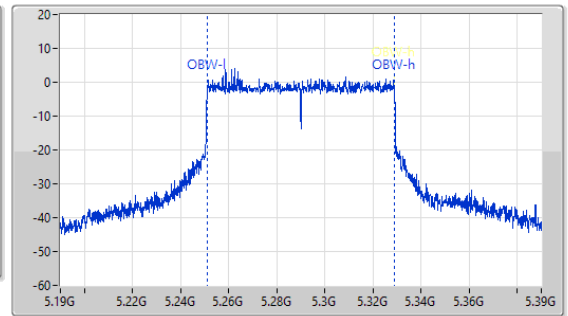
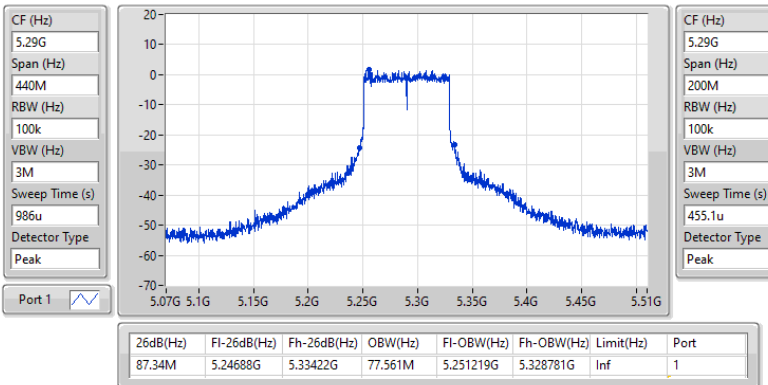


5.25-5.35GHz 802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

01/10/2024

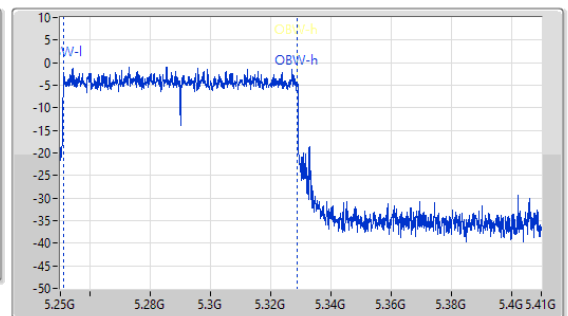
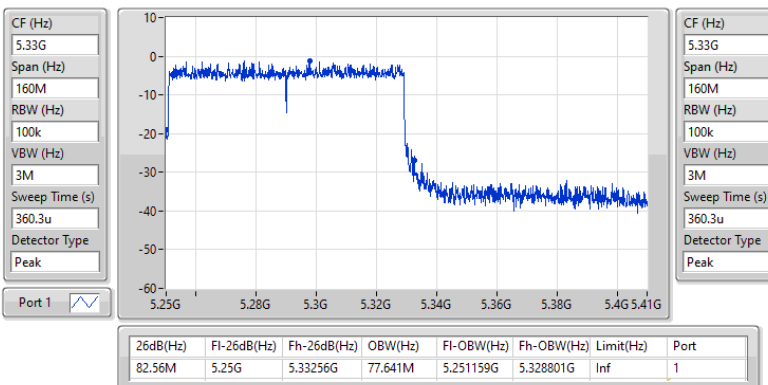


5.25-5.35GHz 802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.25-5.35GHz

01/10/2024



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	80.56M	77.481M	77M5D1D	79.92M	77.401M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.605M	16.69M	16M7D1D	21.395M	16.602M
802.11be EHT20_Nss1,(MCS0)_2TX	23.045M	19.04M	19M0D1D	21.395M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	41.69M	38.031M	38M0D1D	41.25M	37.881M
802.11be EHT80_Nss1,(MCS0)_2TX	84.48M	77.561M	77M6D1D	84.04M	77.461M
802.11be EHT160_Nss1,(MCS0)_2TX	83.68M	77.481M	77M5D1D	79.84M	77.401M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	22.165M	16.69M	21.725M	16.602M
5300MHz	Pass	Inf	21.395M	16.646M	22.605M	16.602M
5320MHz	Pass	Inf	22.22M	16.624M	21.67M	16.668M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	23.045M	19.015M	21.89M	19.015M
5300MHz	Pass	Inf	21.395M	19.015M	21.45M	18.991M
5320MHz	Pass	Inf	22.495M	18.991M	21.835M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	41.36M	38.031M	41.47M	37.881M
5310MHz	Pass	Inf	41.25M	37.931M	41.69M	37.881M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	84.04M	77.561M	84.48M	77.461M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.56M	77.481M	79.92M	77.401M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.84M	77.481M	83.68M	77.401M

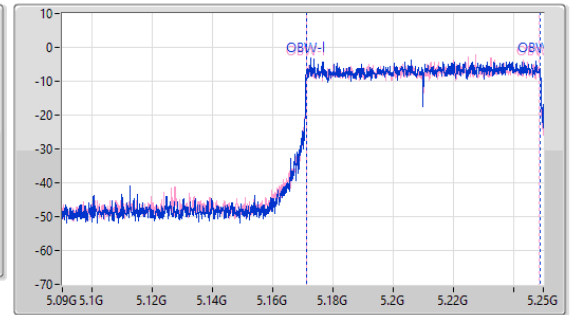
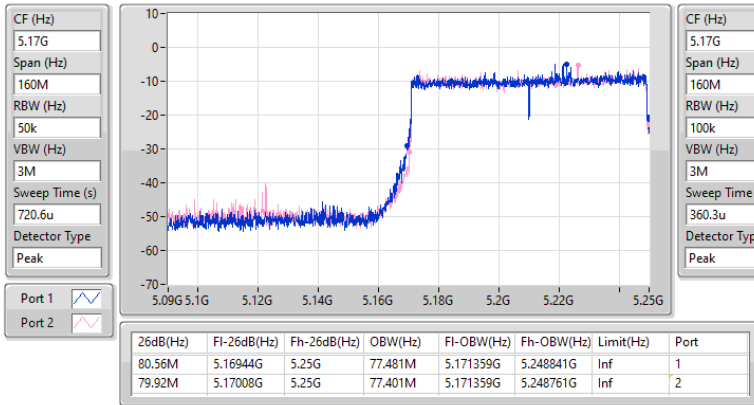
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be_EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

16/09/2024

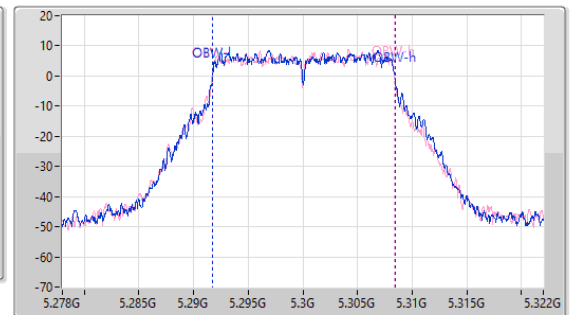
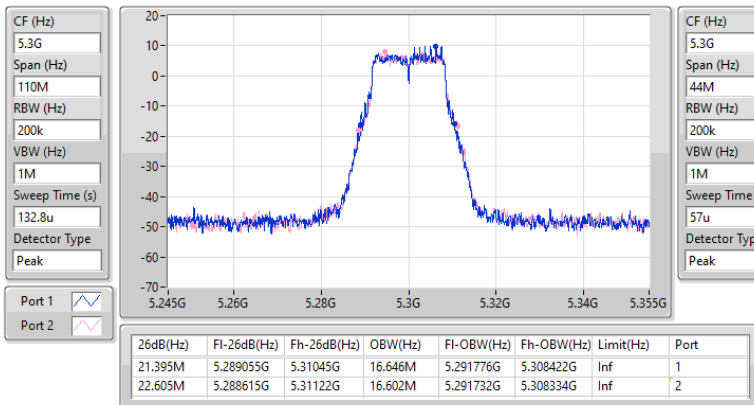


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

16/09/2024

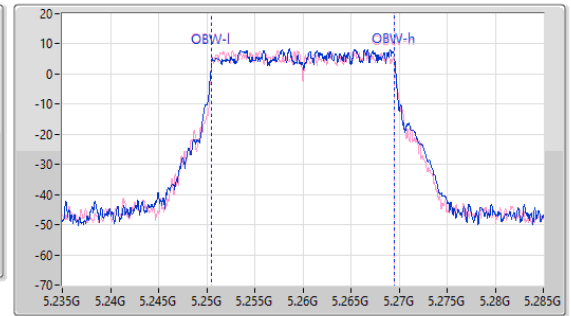
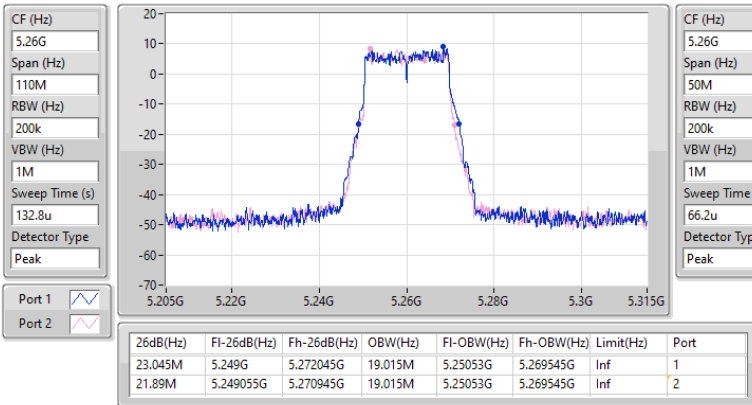


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5260MHz

16/09/2024

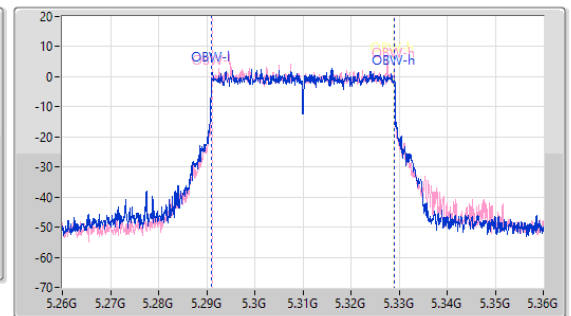
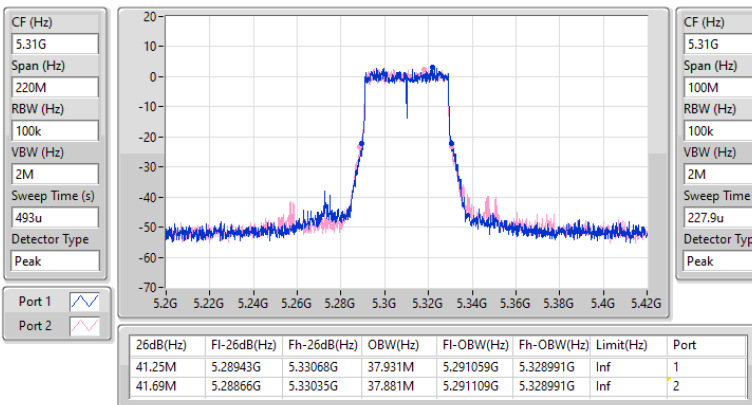


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5310MHz

16/09/2024

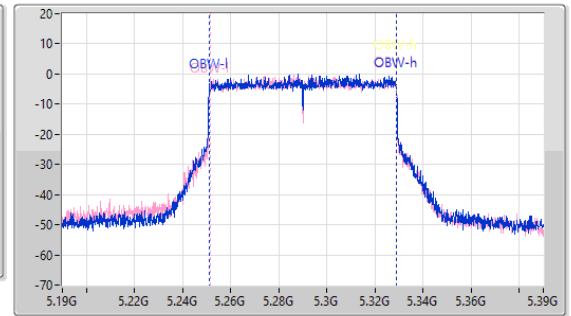
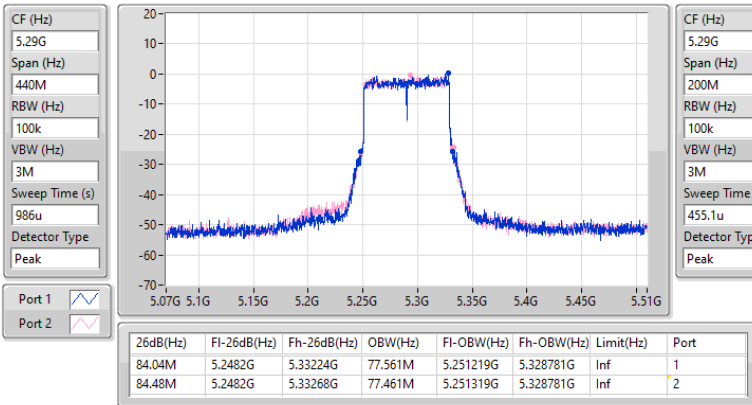


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

16/09/2024

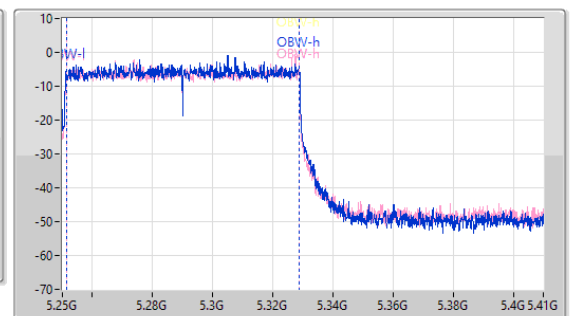
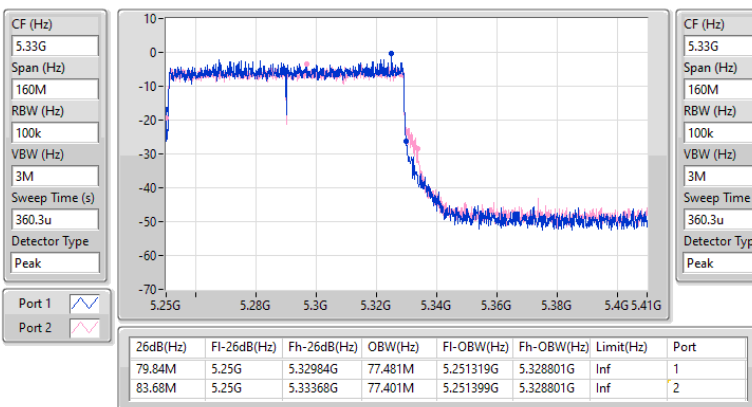


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

16/09/2024



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_4TX	81.12M	77.481M	77M5D1D	79.6M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.77M	16.822M	16M8D1D	21.175M	16.536M
802.11be EHT20_Nss1,(MCS0)_4TX	22.275M	19.14M	19M1D1D	20.955M	18.941M
802.11be EHT40_Nss1,(MCS0)_4TX	42.68M	37.931M	37M9D1D	40.04M	37.831M
802.11be EHT80_Nss1,(MCS0)_4TX	85.14M	77.561M	77M6D1D	82.28M	77.361M
802.11be EHT160_Nss1,(MCS0)_4TX	80.64M	77.641M	77M6D1D	80M	77.401M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	22.275M	16.668M	22.385M	16.646M	21.34M	16.668M	22.605M	16.822M
5300MHz	Pass	Inf	21.175M	16.624M	22.385M	16.778M	21.56M	16.624M	21.835M	16.756M
5320MHz	Pass	Inf	22.33M	16.712M	22.275M	16.602M	21.945M	16.536M	22.77M	16.778M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	22.275M	18.941M	21.89M	18.966M	21.065M	18.966M	20.955M	19.14M
5300MHz	Pass	Inf	21.175M	18.991M	21.725M	19.015M	21.725M	18.966M	21.835M	19.04M
5320MHz	Pass	Inf	21.615M	18.991M	21.505M	19.04M	21.725M	19.04M	21.505M	18.966M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.7M	37.931M	42.68M	37.931M	42.13M	37.881M	41.36M	37.881M
5310MHz	Pass	Inf	40.37M	37.881M	40.15M	37.831M	41.25M	37.881M	40.04M	37.881M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	84.48M	77.561M	82.28M	77.361M	84.04M	77.561M	85.14M	77.561M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.12M	77.481M	79.6M	77.321M	80.4M	77.401M	80.56M	77.401M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.08M	77.641M	80.64M	77.401M	80.24M	77.561M	80M	77.561M

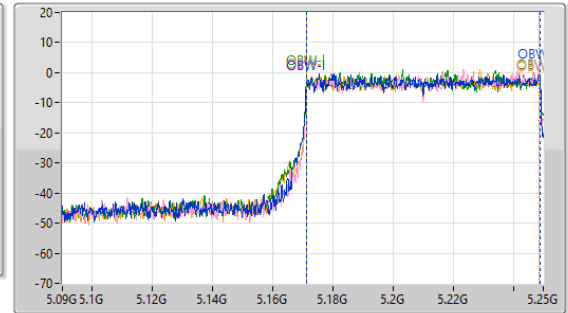
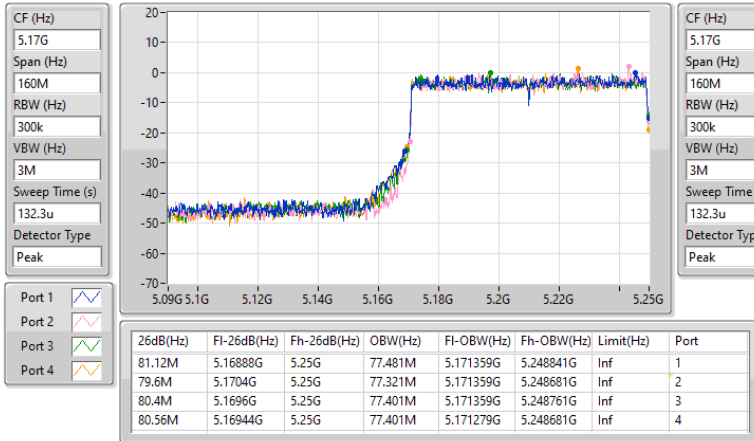
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

16/09/2024

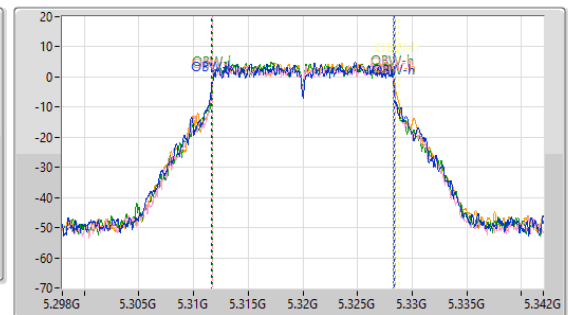
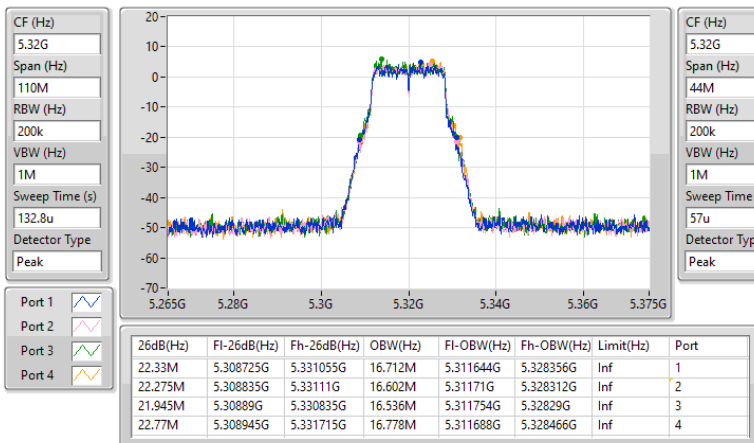


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5320MHz

16/09/2024

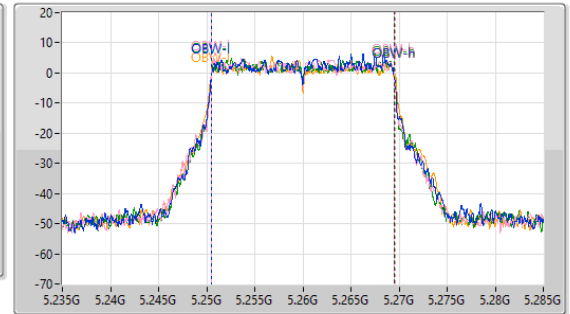
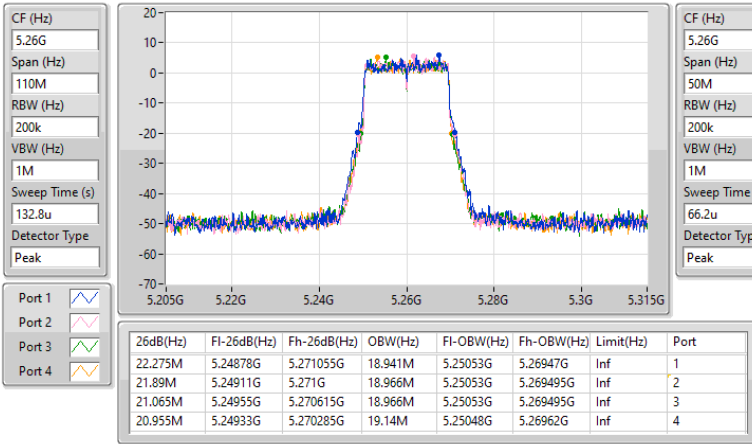


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5260MHz

16/09/2024

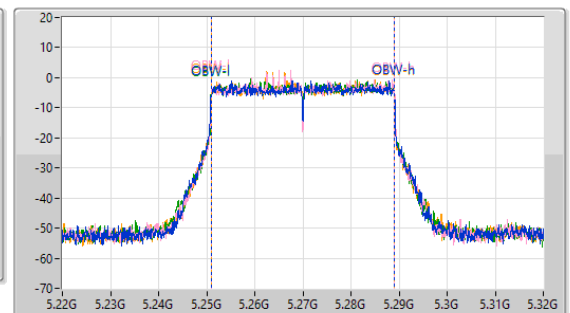
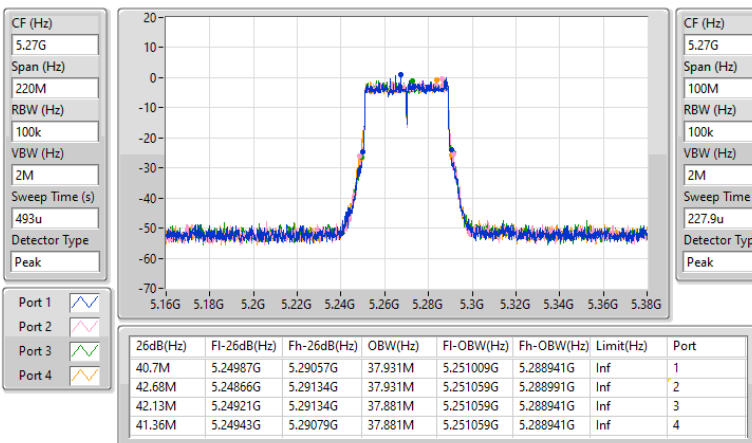


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5270MHz

16/09/2024

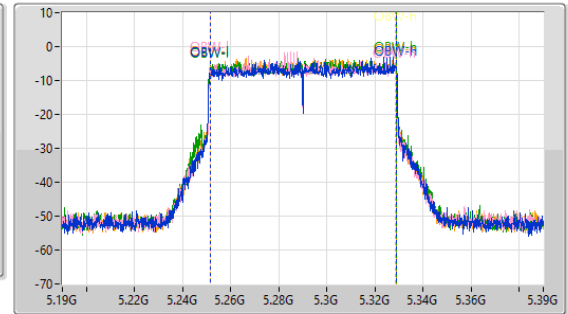
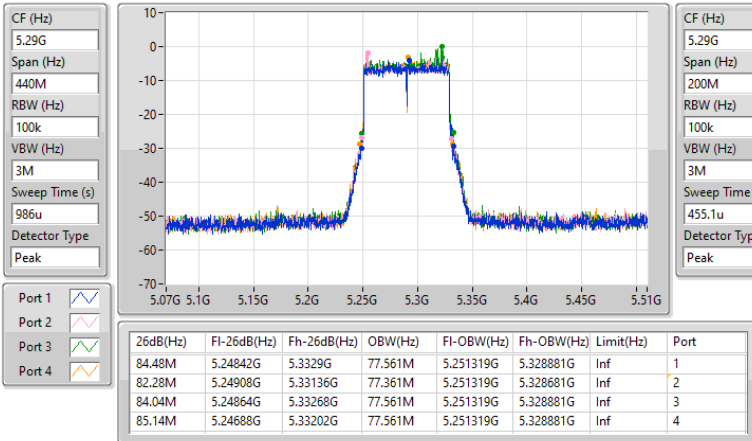


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5290MHz

16/09/2024

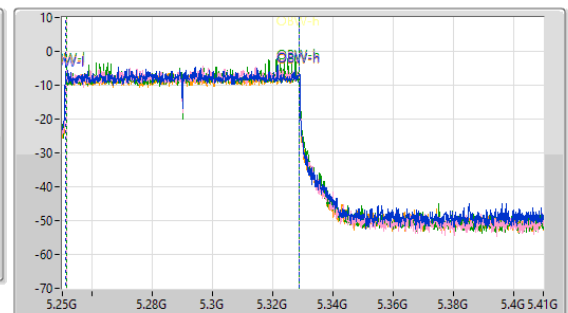
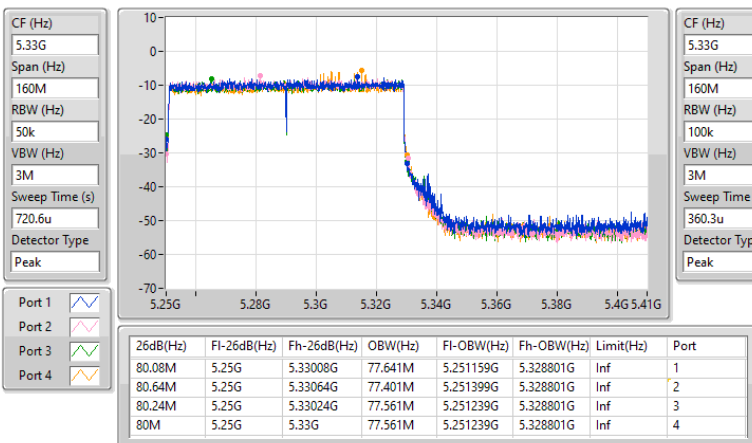


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

16/09/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_1TX	18.68	0.07379	22.13	0.16331
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.77	0.18923	25.48	0.35318
802.11be EHT20_Nss1,(MCS0)_1TX	22.88	0.19409	25.59	0.36224
802.11be EHT40_Nss1,(MCS0)_1TX	22.77	0.18923	25.48	0.35318
802.11be EHT80_Nss1,(MCS0)_1TX	21.81	0.15171	24.52	0.28314
802.11be EHT160_Nss1,(MCS0)_1TX	19.54	0.08995	22.25	0.16788



Average Power_Non-Beamforming_Radio2_1T1S

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	2.71	22.77	22.77	23.98	25.48	Inf
5300MHz	Pass	2.71	22.28	22.28	23.98	24.99	Inf
5320MHz	Pass	2.71	22.02	22.02	23.98	24.73	Inf
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	2.71	22.88	22.88	23.98	25.59	Inf
5300MHz	Pass	2.71	22.38	22.38	23.98	25.09	Inf
5320MHz	Pass	2.71	22.13	22.13	23.98	24.84	Inf
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	2.71	22.77	22.77	23.98	25.48	Inf
5310MHz	Pass	2.71	22.47	22.47	23.98	25.18	Inf
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	2.71	21.81	21.81	23.98	24.52	Inf
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.45	18.68	18.68	30.00	22.13	Inf
5250MHz Straddle 5.25-5.35GHz	Pass	2.71	19.54	19.54	23.98	22.25	Inf

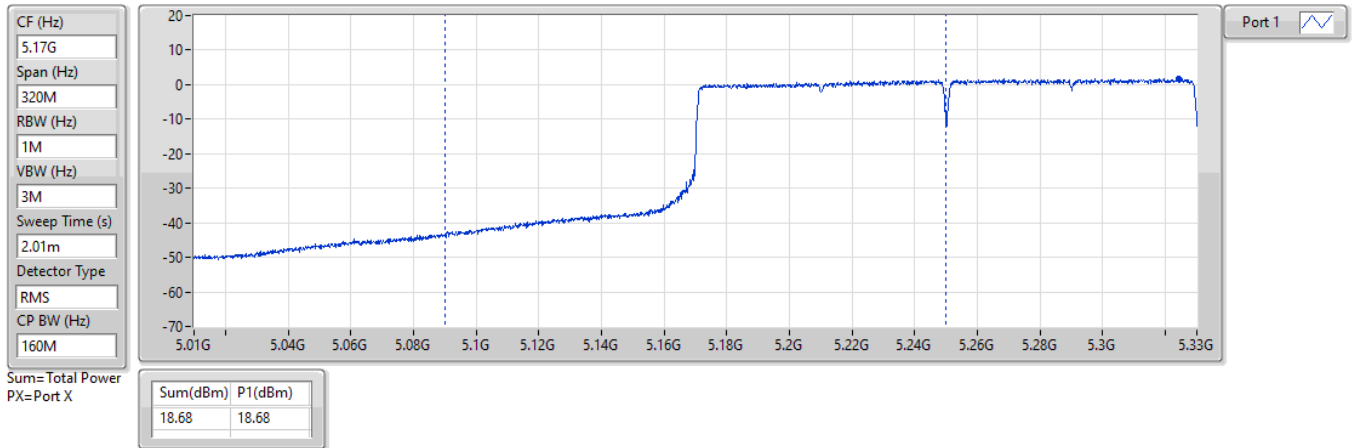
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

01/10/2024

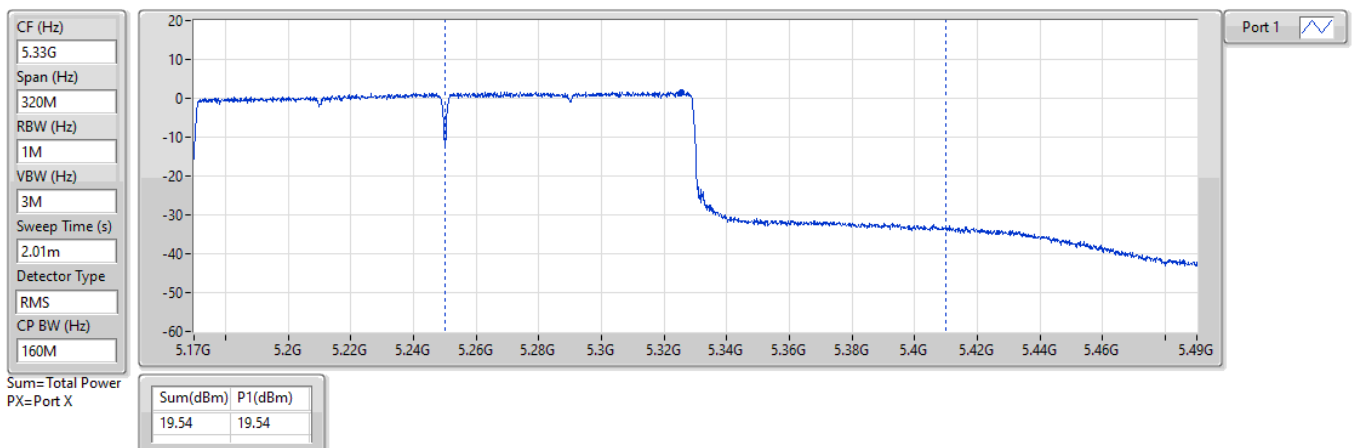


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

01/10/2024





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	19.12	0.08166	22.57	0.18072
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.83	0.24155	27.20	0.52481
802.11be EHT20_Nss1,(MCS0)_2TX	23.92	0.24660	27.29	0.53580
802.11be EHT40_Nss1,(MCS0)_2TX	23.68	0.23335	27.05	0.50699
802.11be EHT80_Nss1,(MCS0)_2TX	23.60	0.22909	26.97	0.49774
802.11be EHT160_Nss1,(MCS0)_2TX	20.14	0.10328	23.51	0.22439

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.37	20.70	20.55	23.64	23.98	27.01	Inf
5300MHz	Pass	3.37	20.85	20.79	23.83	23.98	27.20	Inf
5320MHz	Pass	3.37	20.81	20.47	23.65	23.98	27.02	Inf
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.37	20.81	20.68	23.76	23.98	27.13	Inf
5300MHz	Pass	3.37	20.93	20.89	23.92	23.98	27.29	Inf
5320MHz	Pass	3.37	20.84	20.50	23.68	23.98	27.05	Inf
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.37	20.60	20.48	23.55	23.98	26.92	Inf
5310MHz	Pass	3.37	20.66	20.67	23.68	23.98	27.05	Inf
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.37	20.67	20.51	23.60	23.98	26.97	Inf
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.45	16.24	15.98	19.12	30.00	22.57	Inf
5250MHz Straddle 5.25-5.35GHz	Pass	3.37	17.29	16.96	20.14	23.98	23.51	Inf

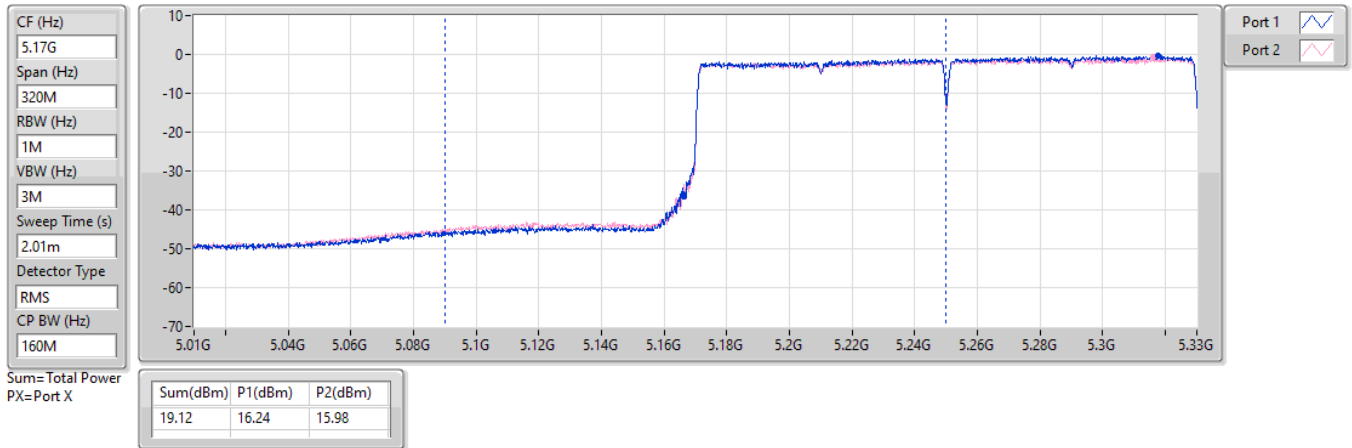
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

16/09/2024

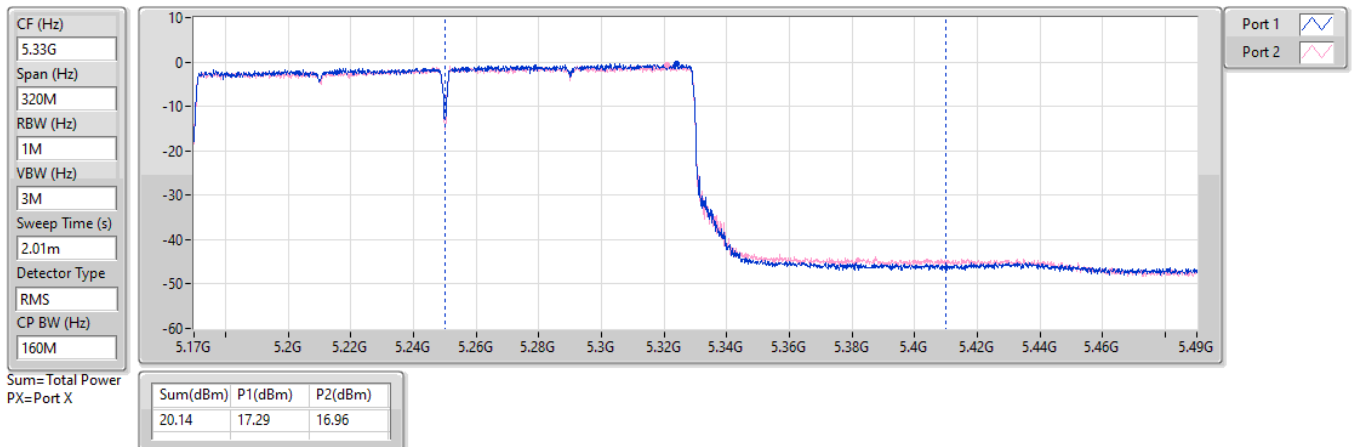


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

16/09/2024





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_4TX	21.18	0.13122	26.44	0.44055
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.93	0.24717	29.39	0.86896
802.11be EHT20_Nss1,(MCS0)_4TX	23.88	0.24434	29.34	0.85901
802.11be EHT40_Nss1,(MCS0)_4TX	23.83	0.24155	29.29	0.84918
802.11be EHT80_Nss1,(MCS0)_4TX	23.74	0.23659	29.20	0.83176
802.11be EHT160_Nss1,(MCS0)_4TX	21.97	0.15740	27.43	0.55335



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.46	18.01	17.99	17.86	17.76	23.93	23.98	29.39	Inf
5300MHz	Pass	5.46	17.38	17.60	18.03	18.01	23.78	23.98	29.24	Inf
5320MHz	Pass	5.46	17.25	17.42	17.92	18.00	23.68	23.98	29.14	Inf
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.46	17.71	17.75	17.44	17.31	23.58	23.98	29.04	Inf
5300MHz	Pass	5.46	17.45	17.67	18.16	18.10	23.88	23.98	29.34	Inf
5320MHz	Pass	5.46	17.35	17.56	18.08	18.08	23.80	23.98	29.26	Inf
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.46	17.74	17.88	17.90	17.71	23.83	23.98	29.29	Inf
5310MHz	Pass	5.46	17.47	17.58	17.95	17.89	23.75	23.98	29.21	Inf
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.46	17.26	17.51	18.09	17.96	23.74	23.98	29.20	Inf
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.26	15.31	15.10	15.21	15.01	21.18	30.00	26.44	Inf
5250MHz Straddle 5.25-5.35GHz	Pass	5.46	16.19	16.30	15.88	15.37	21.97	23.98	27.43	Inf

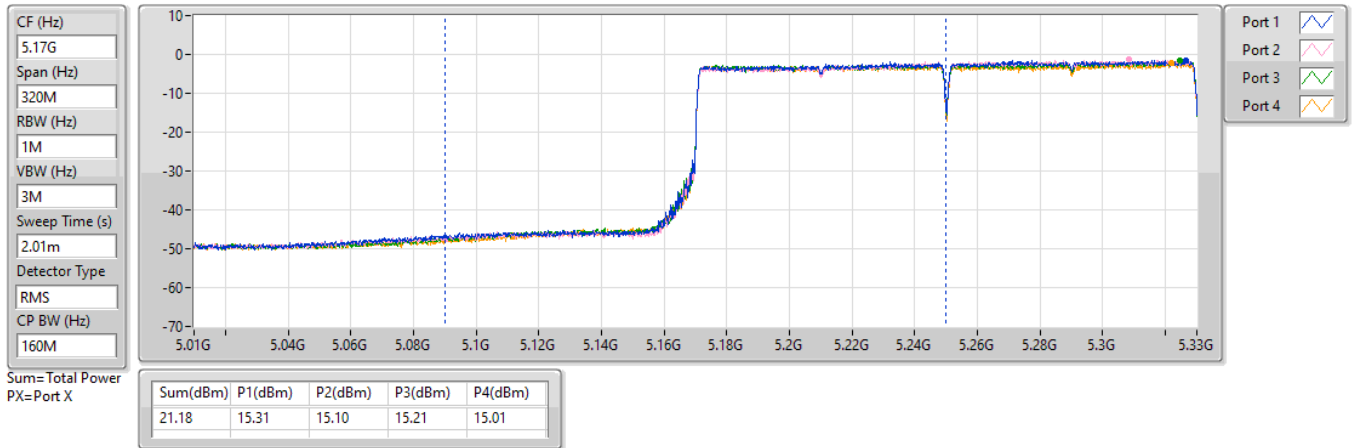
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

16/09/2024

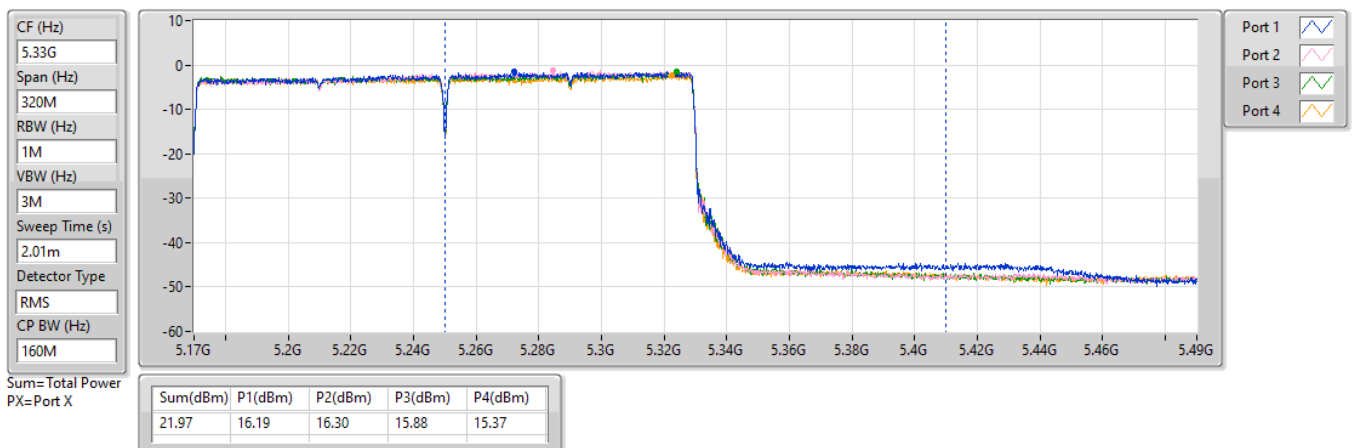


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

16/09/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT160-BF_Nss1,(MCS0)_2TX	18.92	0.07798	23.88	0.24434
5.25-5.35GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	23.80	0.23988	28.94	0.78343
802.11be EHT40-BF_Nss1,(MCS0)_2TX	23.56	0.22699	28.70	0.74131
802.11be EHT80-BF_Nss1,(MCS0)_2TX	23.48	0.22284	28.62	0.72778
802.11be EHT160-BF_Nss1,(MCS0)_2TX	19.89	0.09750	25.03	0.31842

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.14	20.68	20.57	23.64	23.98	28.78	Inf
5300MHz	Pass	5.14	20.79	20.78	23.80	23.98	28.94	Inf
5320MHz	Pass	5.14	20.73	20.37	23.56	23.98	28.70	Inf
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.14	20.5	20.34	23.43	23.98	28.57	Inf
5310MHz	Pass	5.14	20.52	20.57	23.56	23.98	28.70	Inf
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.14	20.52	20.41	23.48	23.98	28.62	Inf
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.96	16.01	15.8	18.92	30.00	23.88	Inf
5250MHz Straddle 5.25-5.35GHz	Pass	5.14	16.99	16.76	19.89	23.98	25.03	Inf

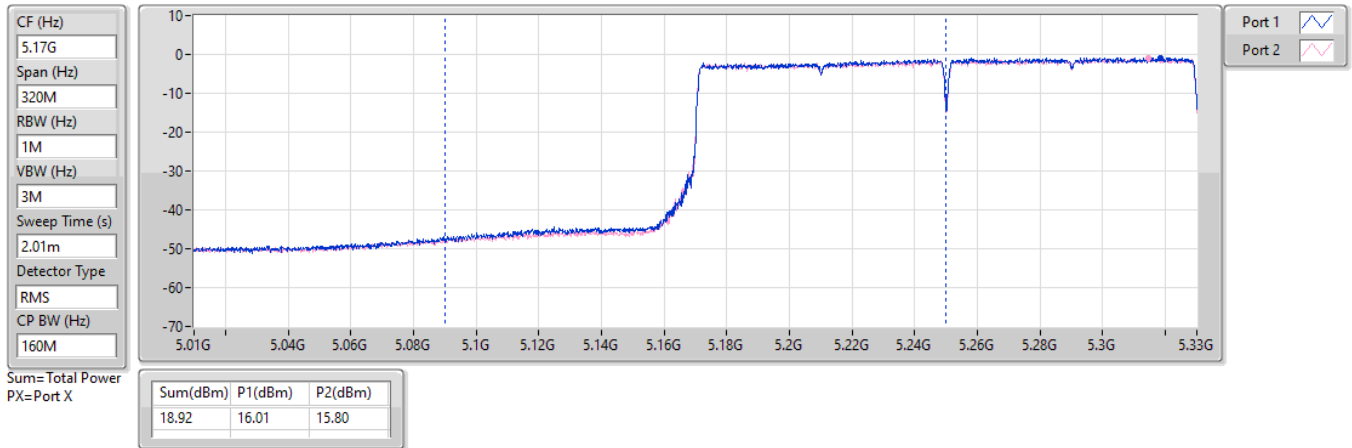
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

25/09/2024

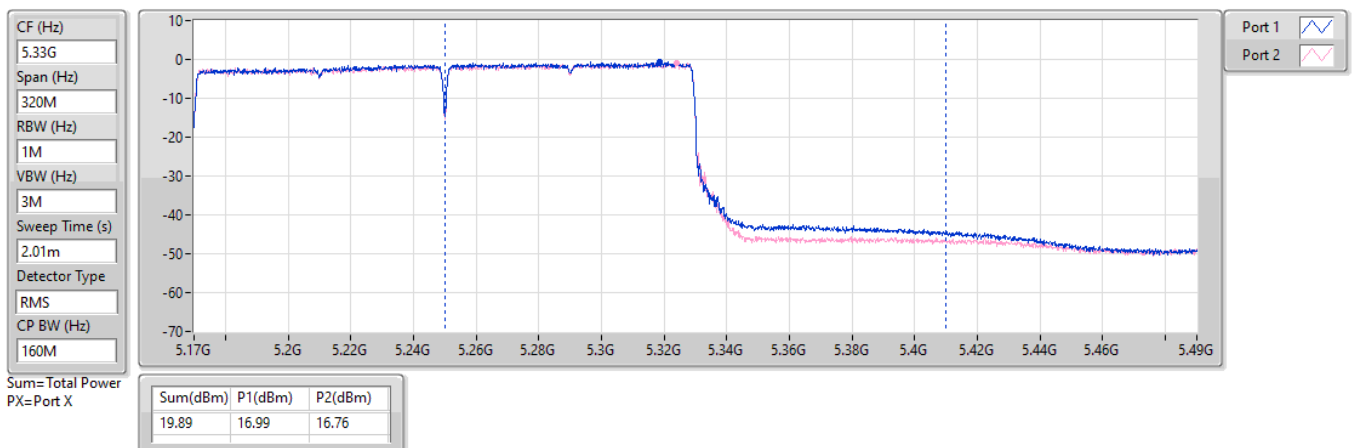


5.25-5.35GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

25/09/2024





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT160-BF_Nss1,(MCS0)_4TX	21.06	0.12764	27.82	0.60534
5.25-5.35GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	23.13	0.20559	29.44	0.87902
802.11be EHT40-BF_Nss1,(MCS0)_4TX	23.09	0.20370	29.40	0.87096
802.11be EHT80-BF_Nss1,(MCS0)_4TX	22.97	0.19815	29.28	0.84723
802.11be EHT160-BF_Nss1,(MCS0)_4TX	21.62	0.14521	27.93	0.62087

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	6.31	16.98	17.00	16.67	16.53	22.82	23.67	29.13	Inf
5300MHz	Pass	6.31	16.70	16.91	17.45	17.32	23.13	23.67	29.44	Inf
5320MHz	Pass	6.31	16.60	16.77	17.28	17.38	23.04	23.67	29.35	Inf
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	6.31	17.00	17.16	17.15	16.97	23.09	23.67	29.40	Inf
5310MHz	Pass	6.31	16.71	16.84	17.24	17.12	23.00	23.67	29.31	Inf
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	6.31	16.48	16.74	17.34	17.20	22.97	23.67	29.28	Inf
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.76	15.29	15.10	15.27	14.43	21.06	29.24	27.82	Inf
5250MHz Straddle 5.25-5.35GHz	Pass	6.31	16.29	16.07	15.14	14.68	21.62	23.67	27.93	Inf

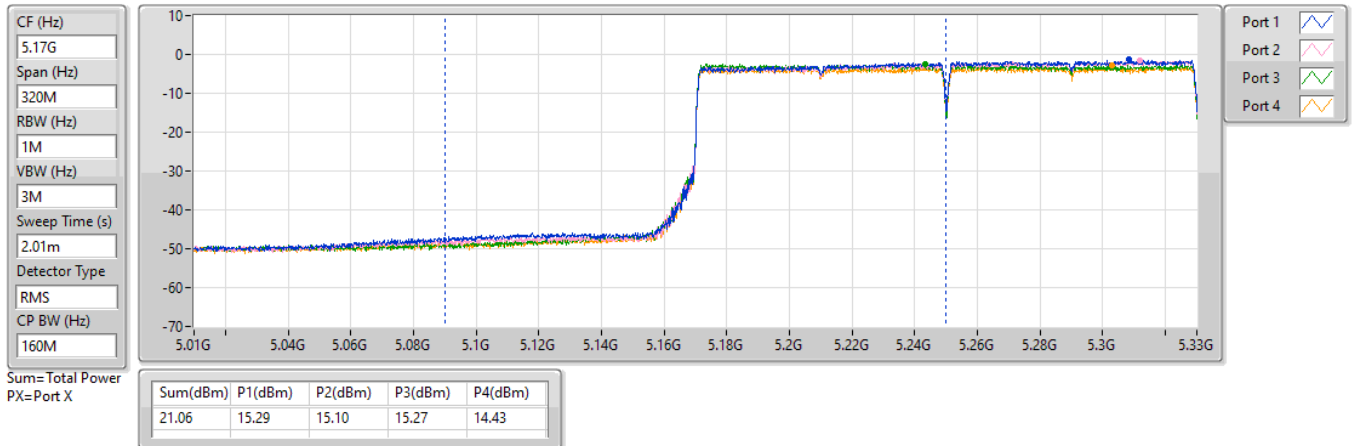
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

25/09/2024

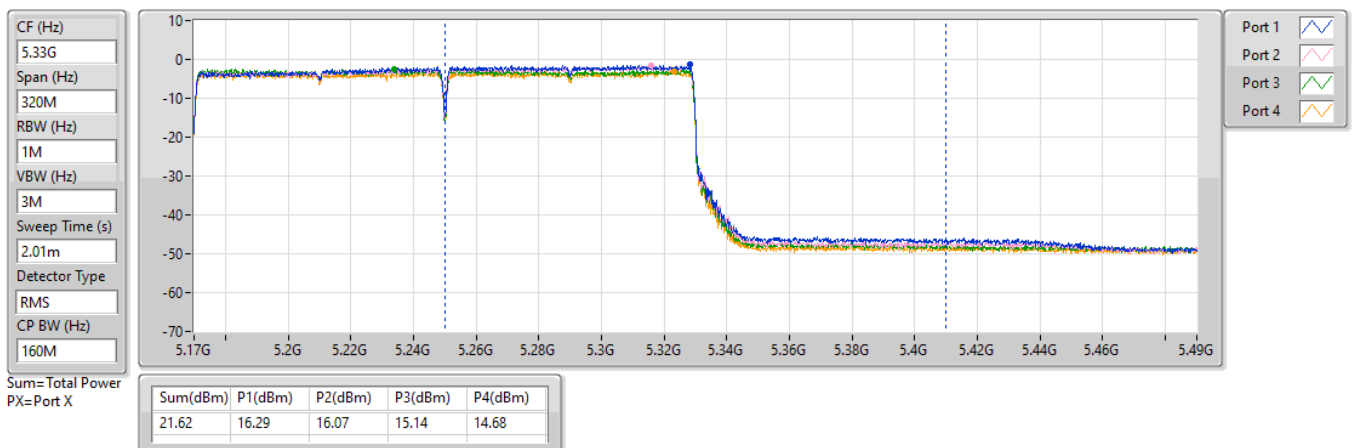


5.25-5.35GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

25/09/2024





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_1TX	-0.69	2.76
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	9.98	12.69
802.11be EHT20_Nss1,(MCS0)_1TX	9.47	12.18
802.11be EHT40_Nss1,(MCS0)_1TX	6.30	9.01
802.11be EHT80_Nss1,(MCS0)_1TX	2.21	4.92
802.11be EHT160_Nss1,(MCS0)_1TX	-0.39	2.32

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	2.71	9.98	9.98	11.00	12.69	Inf
5300MHz	Pass	2.71	9.44	9.44	11.00	12.15	Inf
5320MHz	Pass	2.71	9.19	9.19	11.00	11.90	Inf
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	2.71	9.47	9.47	11.00	12.18	Inf
5300MHz	Pass	2.71	8.86	8.86	11.00	11.57	Inf
5320MHz	Pass	2.71	8.62	8.62	11.00	11.33	Inf
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	2.71	6.30	6.30	11.00	9.01	Inf
5310MHz	Pass	2.71	5.88	5.88	11.00	8.59	Inf
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	2.71	2.21	2.21	11.00	4.92	Inf
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.45	-0.69	-0.69	17.00	2.76	Inf
5250MHz Straddle 5.25-5.35GHz	Pass	2.71	-0.39	-0.39	11.00	2.32	Inf

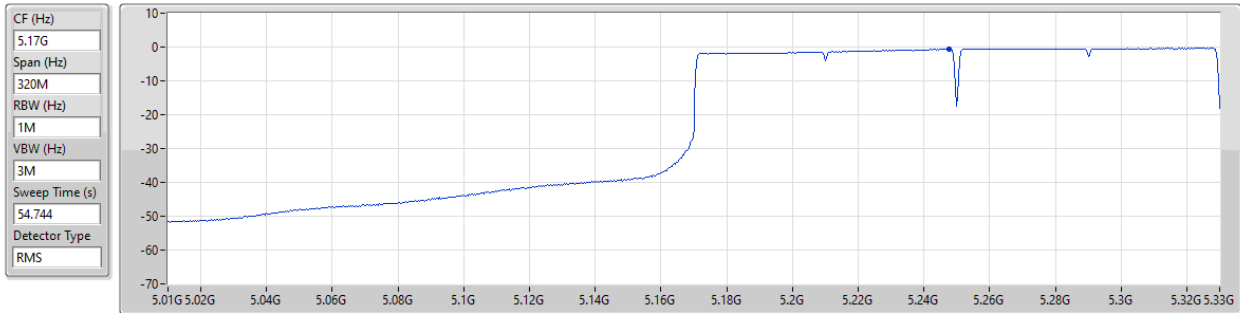
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

01/10/2024



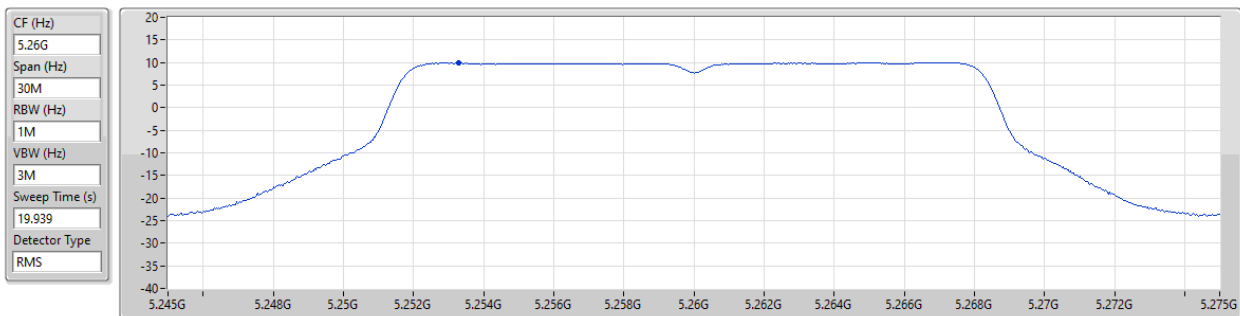
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.69	-0.69	-0.69

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

01/10/2024



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.98	9.98	9.98

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

01/10/2024

CF (Hz)
5.26G

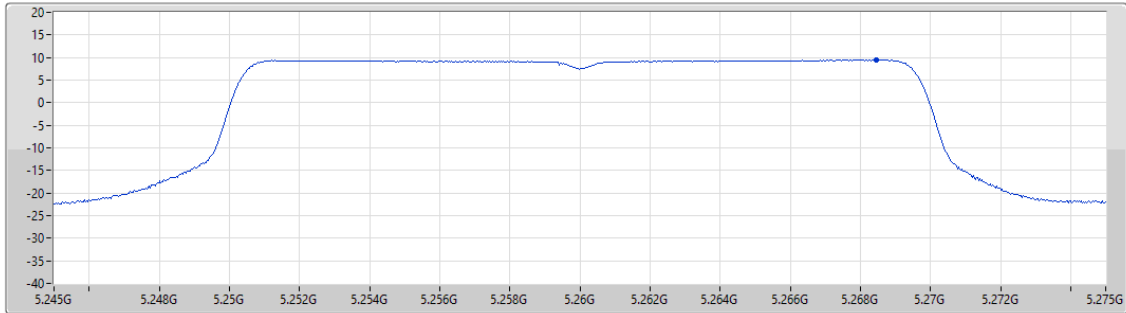
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.47	9.47	9.47

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

01/10/2024

CF (Hz)
5.27G

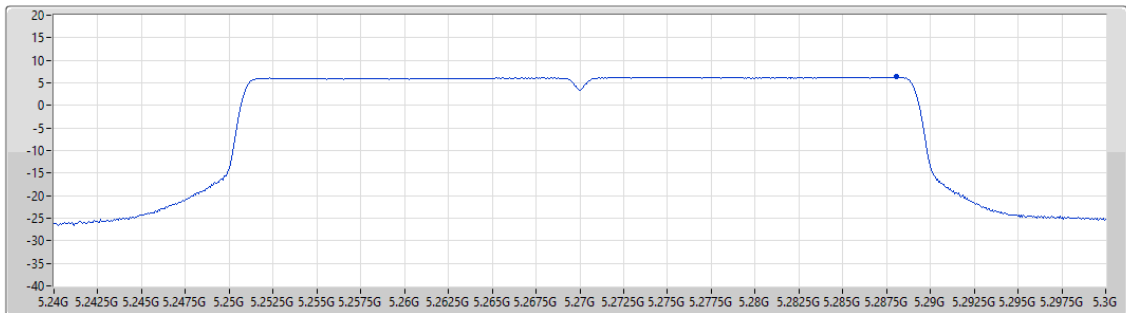
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Port 1

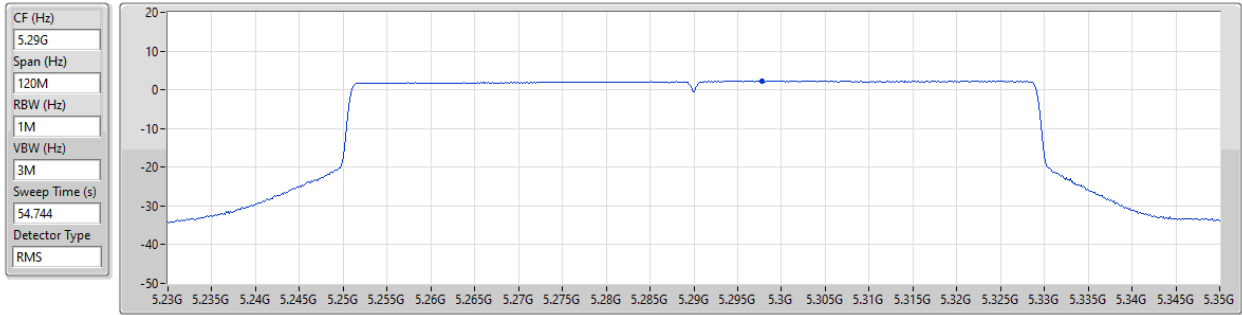
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.30	6.30	6.30

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

01/10/2024



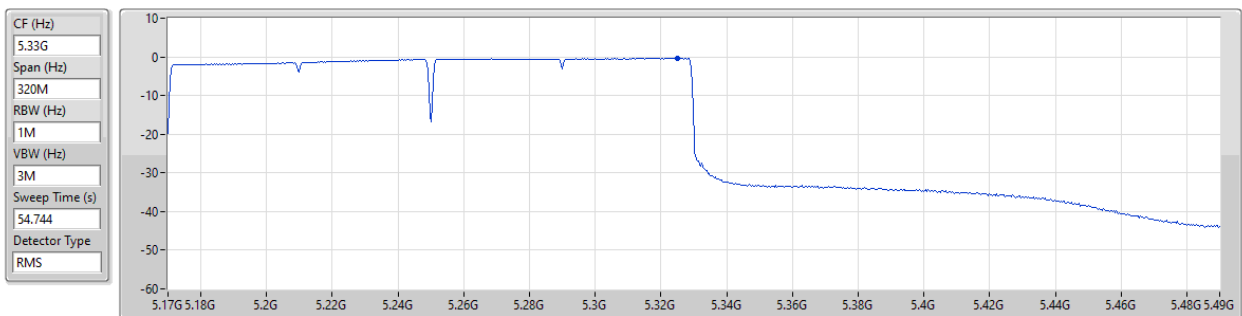
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.21	2.21	2.21

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

01/10/2024



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.39	-0.39	-0.39



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	-0.21	4.75
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.97	15.11
802.11be EHT20_Nss1,(MCS0)_2TX	9.52	14.66
802.11be EHT40_Nss1,(MCS0)_2TX	6.25	11.39
802.11be EHT80_Nss1,(MCS0)_2TX	3.28	8.42
802.11be EHT160_Nss1,(MCS0)_2TX	0.45	5.59

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.14	6.94	6.67	9.77	11.00	14.91	Inf
5300MHz	Pass	5.14	7.03	7.10	9.97	11.00	15.11	Inf
5320MHz	Pass	5.14	6.89	6.67	9.73	11.00	14.87	Inf
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.14	6.63	6.27	9.44	11.00	14.58	Inf
5300MHz	Pass	5.14	6.61	6.47	9.52	11.00	14.66	Inf
5320MHz	Pass	5.14	6.52	6.10	9.32	11.00	14.46	Inf
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.14	3.34	3.33	6.25	11.00	11.39	Inf
5310MHz	Pass	5.14	3.29	3.24	6.20	11.00	11.34	Inf
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.14	0.45	0.27	3.28	11.00	8.42	Inf
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.96	-3.08	-3.19	-0.21	17.00	4.75	Inf
5250MHz Straddle 5.25-5.35GHz	Pass	5.14	-2.30	-2.73	0.45	11.00	5.59	Inf

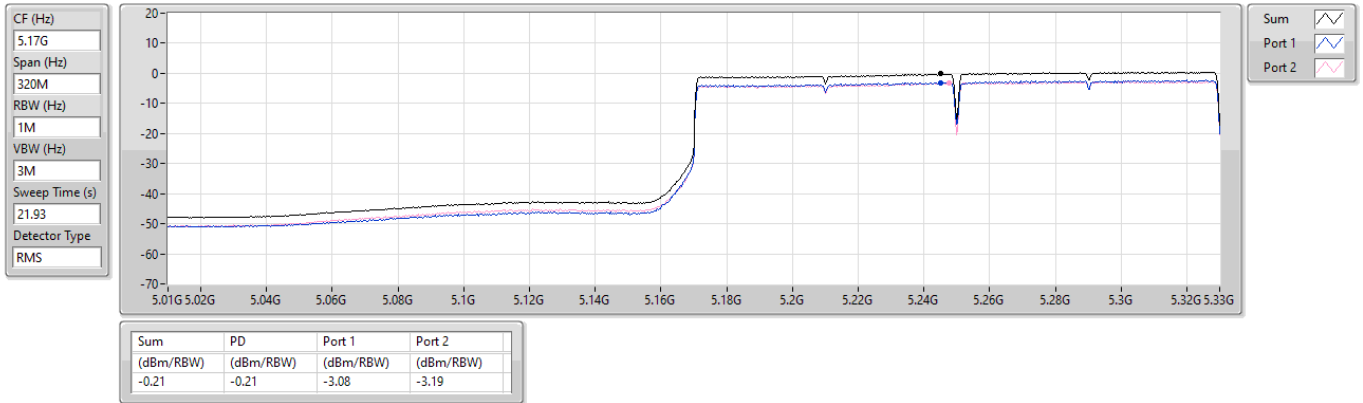
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

16/09/2024

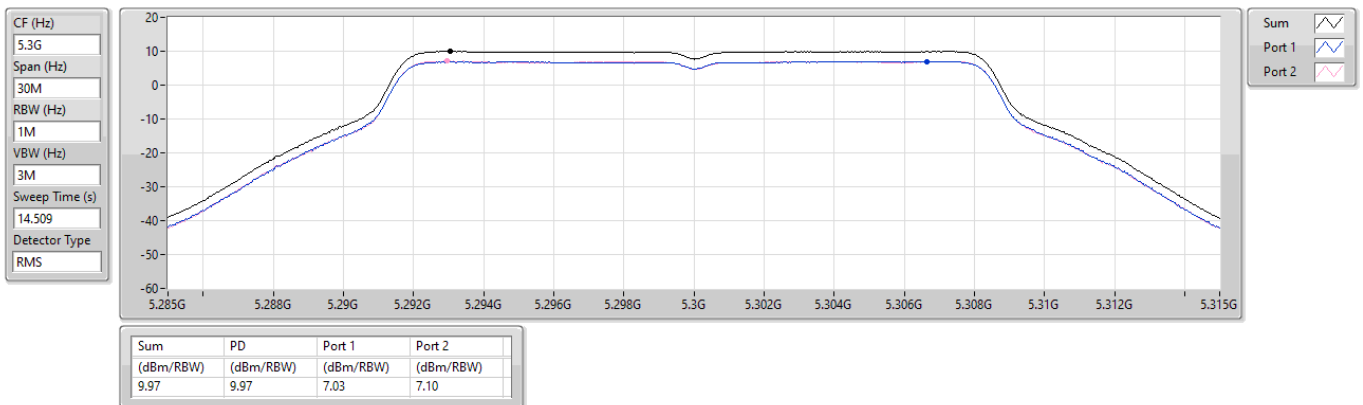


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

16/09/2024



5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5300MHz

16/09/2024

CF (Hz)
5.3G

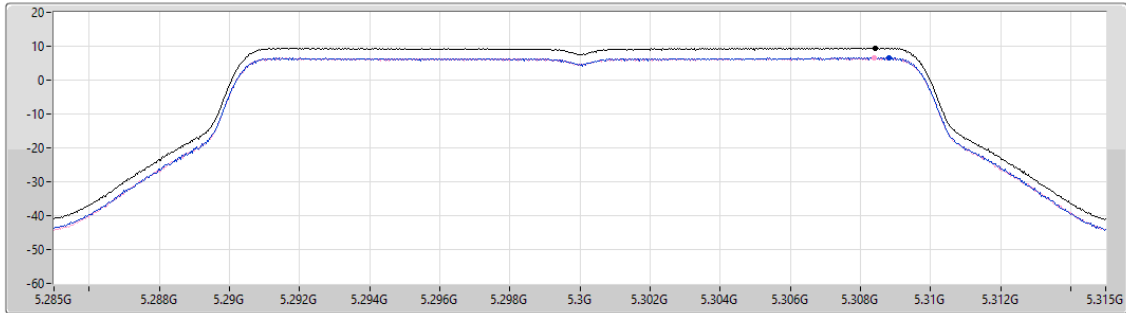
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
45.923

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.52	9.52	6.61	6.47

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

5270MHz

16/09/2024

CF (Hz)
5.27G

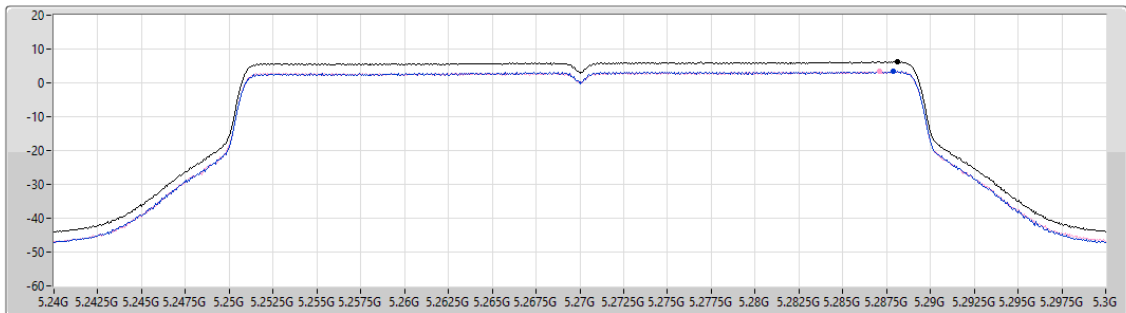
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
23.681

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.25	6.25	3.34	3.33

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5290MHz

16/09/2024

CF (Hz)
5.29G

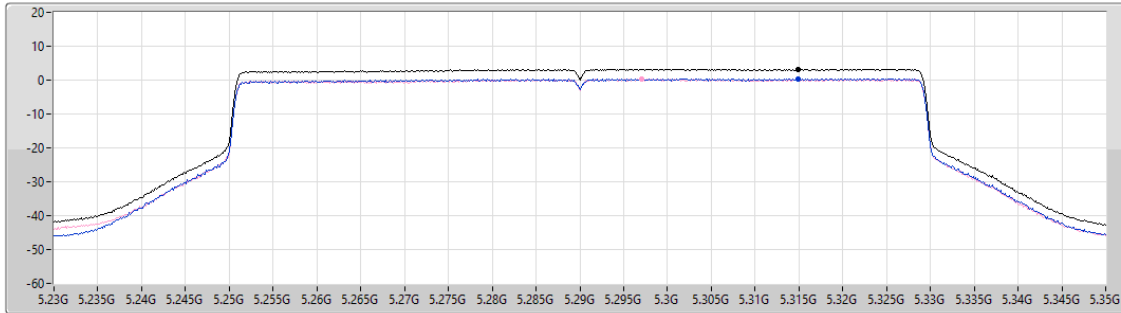
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
21.929

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.28	3.28	0.45	0.27

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

16/09/2024

CF (Hz)
5.33G

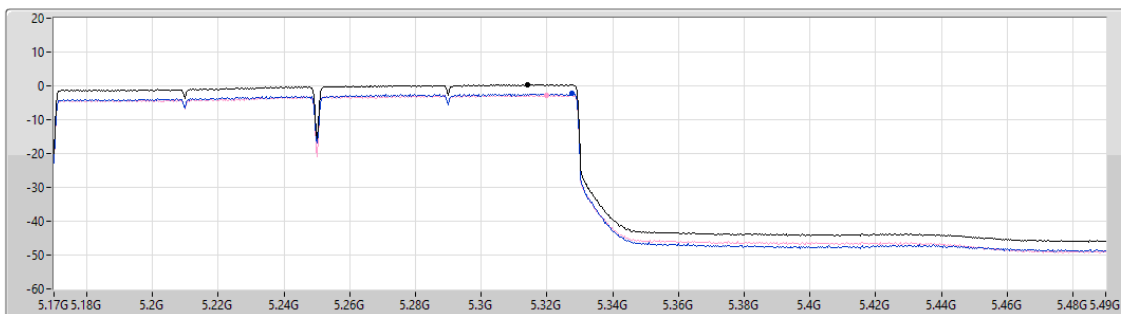
Span (Hz)
320M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
21.93

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.45	0.45	-2.30	-2.73



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_4TX	1.49	8.25
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	9.86	16.17
802.11be EHT20_Nss1,(MCS0)_4TX	9.31	15.62
802.11be EHT40_Nss1,(MCS0)_4TX	6.41	12.72
802.11be EHT80_Nss1,(MCS0)_4TX	3.39	9.70
802.11be EHT160_Nss1,(MCS0)_4TX	2.24	8.55

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	6.31	4.08	4.12	3.79	3.74	9.86	10.69	16.17	Inf
5300MHz	Pass	6.31	3.39	3.62	4.04	4.06	9.72	10.69	16.03	Inf
5320MHz	Pass	6.31	3.25	3.54	3.95	4.11	9.68	10.69	15.99	Inf
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	6.31	3.16	3.32	2.87	2.70	8.98	10.69	15.29	Inf
5300MHz	Pass	6.31	2.90	3.16	3.62	3.58	9.31	10.69	15.62	Inf
5320MHz	Pass	6.31	2.81	3.11	3.65	3.75	9.31	10.69	15.62	Inf
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	6.31	0.35	0.43	0.57	0.28	6.41	10.69	12.72	Inf
5310MHz	Pass	6.31	-0.17	-0.02	0.61	0.48	6.22	10.69	12.53	Inf
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	6.31	-3.16	-2.90	-2.06	-2.21	3.39	10.69	9.70	Inf
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.76	-4.28	-4.20	-4.58	-4.86	1.49	16.24	8.25	Inf
5250MHz Straddle 5.25-5.35GHz	Pass	6.31	-3.56	-3.47	-3.63	-4.18	2.24	10.69	8.55	Inf

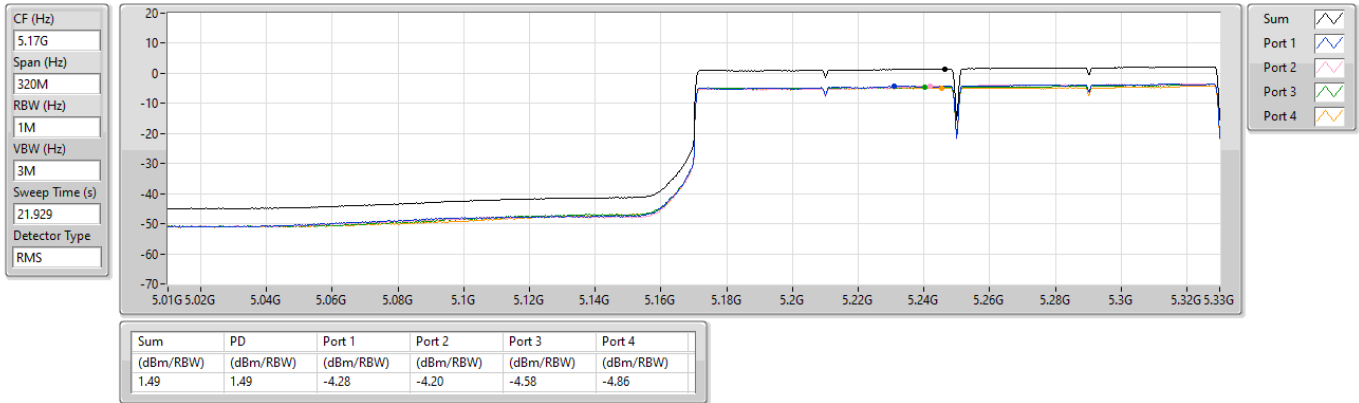
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

16/09/2024

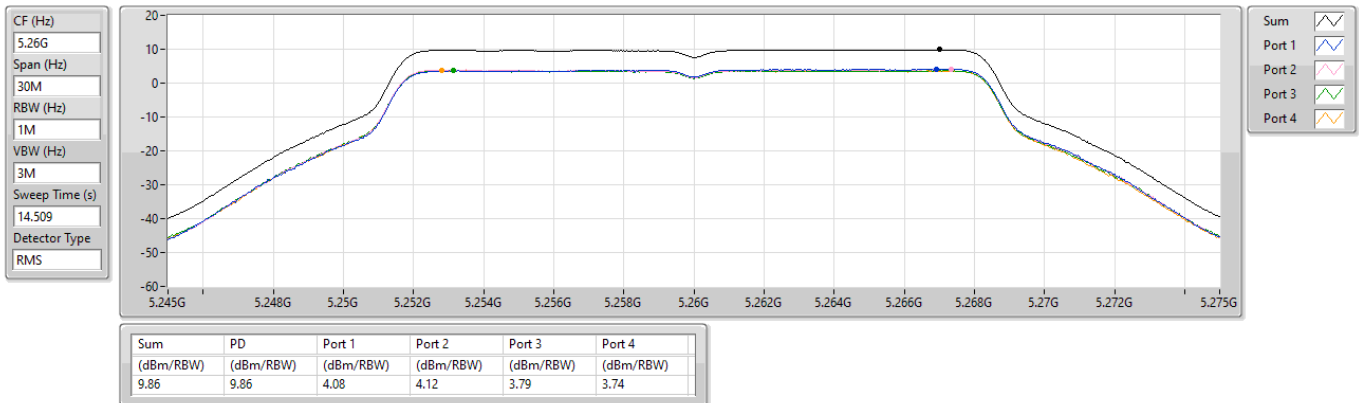


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

16/09/2024



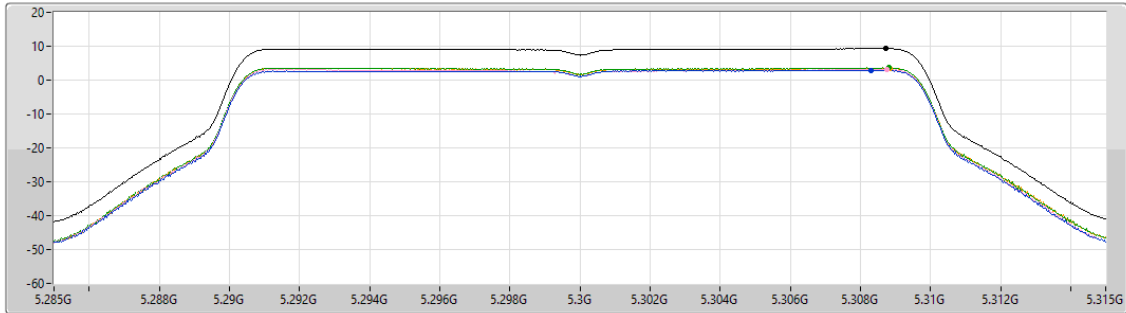
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

16/09/2024

CF (Hz)
5.3G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.521
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.31	9.31	2.90	3.16	3.62	3.58

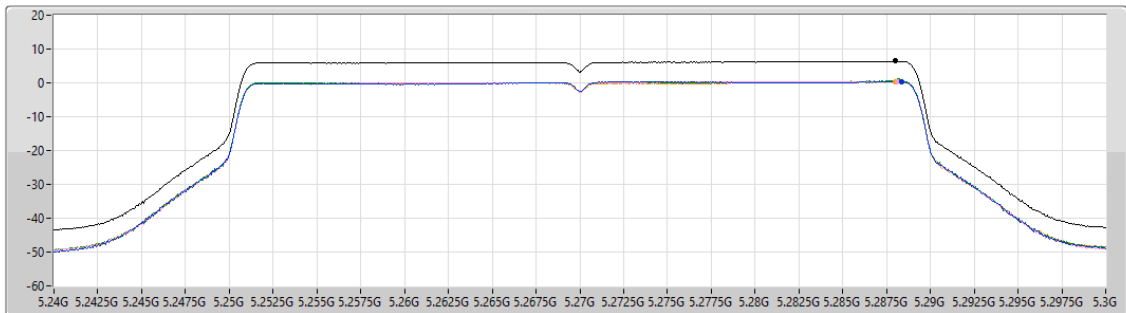
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

16/09/2024

CF (Hz)
5.27G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
46.237
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.41	6.41	0.35	0.43	0.57	0.28

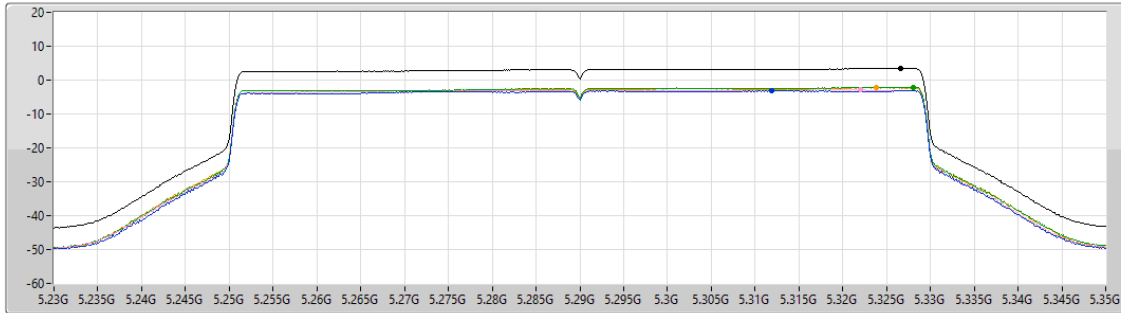
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5290MHz

16/09/2024

CF (Hz)
5.29G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
22.65
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.39	3.39	-3.16	-2.90	-2.06	-2.21

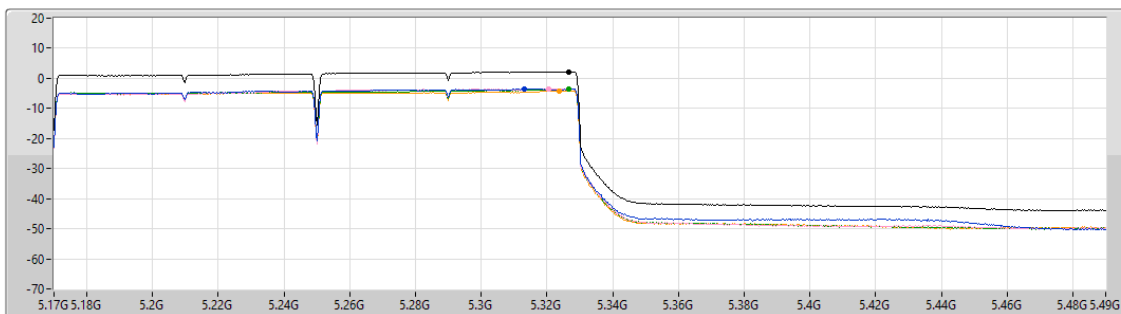
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

16/09/2024

CF (Hz)
5.33G
Span (Hz)
320M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
21.929
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.24	2.24	-3.56	-3.47	-3.63	-4.18



Summary

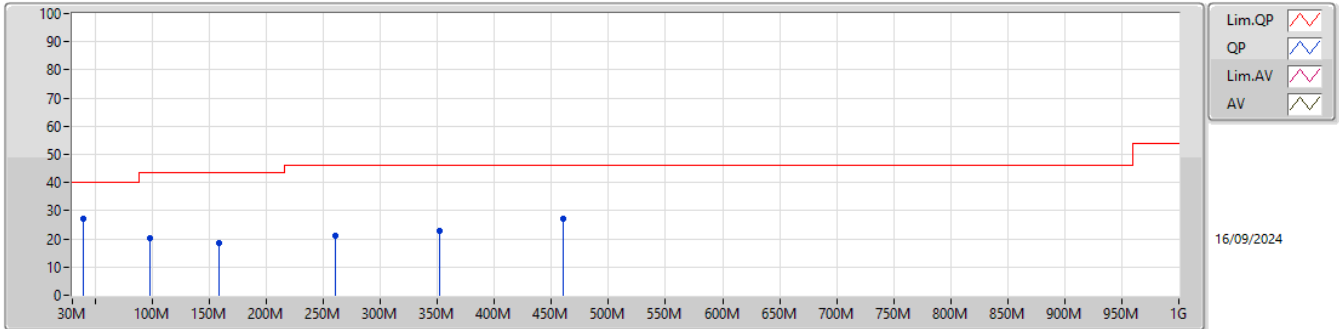
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	39.7M	27.36	40.00	-12.64	3	Vertical	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz_PoE	Pass	PK	39.7M	27.36	40.00	-12.64	3	Vertical	0	1.00
5260MHz_PoE	Pass	PK	97.9M	20.31	43.50	-23.19	3	Vertical	0	1.00
5260MHz_PoE	Pass	PK	158.04M	18.37	43.50	-25.13	3	Vertical	0	1.00
5260MHz_PoE	Pass	PK	260.86M	21.19	46.00	-24.81	3	Vertical	0	1.00
5260MHz_PoE	Pass	PK	352.04M	22.92	46.00	-23.08	3	Vertical	0	1.00
5260MHz_PoE	Pass	PK	460.68M	26.99	46.00	-19.01	3	Vertical	0	1.00
5260MHz_PoE	Pass	PK	41.64M	20.17	40.00	-19.83	3	Horizontal	360	1.00
5260MHz_PoE	Pass	PK	99.84M	17.93	43.50	-25.57	3	Horizontal	360	1.00
5260MHz_PoE	Pass	PK	247.28M	19.60	46.00	-26.40	3	Horizontal	360	1.00
5260MHz_PoE	Pass	PK	328.76M	21.46	46.00	-24.54	3	Horizontal	360	1.00
5260MHz_PoE	Pass	PK	416.06M	24.75	46.00	-21.25	3	Horizontal	360	1.00
5260MHz_PoE	Pass	PK	530.52M	26.86	46.00	-19.14	3	Horizontal	360	1.00

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

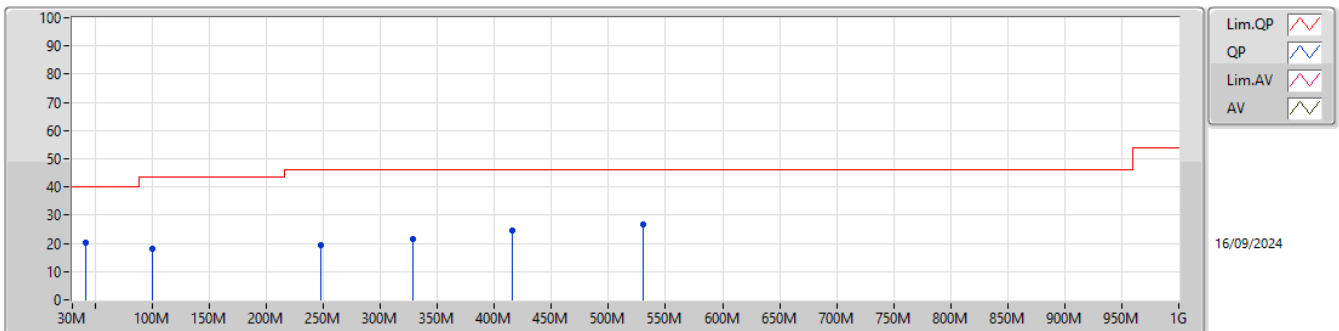
5260MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	39.7M	27.36	40.00	-12.64	-8.86	3	Vertical	0	1.00	36.22	18.31	0.32	27.49
PK	97.9M	20.31	43.50	-23.19	-10.40	3	Vertical	0	1.00	30.71	15.94	0.96	27.30
PK	158.04M	18.37	43.50	-25.13	-10.36	3	Vertical	0	1.00	28.73	15.05	1.70	27.11
PK	260.86M	21.19	46.00	-24.81	-5.95	3	Vertical	0	1.00	27.14	18.60	2.18	26.73
PK	352.04M	22.92	46.00	-23.08	-5.04	3	Vertical	0	1.00	27.96	19.53	2.51	27.08
PK	460.68M	26.99	46.00	-19.01	-2.39	3	Vertical	0	1.00	29.38	22.56	2.97	27.92

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5260MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	41.64M	20.17	40.00	-19.83	-9.89	3	Horizontal	360	1.00	30.06	17.22	0.34	27.45
PK	99.84M	17.93	43.50	-25.57	-10.07	3	Horizontal	360	1.00	28.00	16.26	0.97	27.30
PK	247.28M	19.60	46.00	-26.40	-7.28	3	Horizontal	360	1.00	26.88	17.32	2.15	26.75
PK	328.76M	21.46	46.00	-24.54	-5.61	3	Horizontal	360	1.00	27.07	18.91	2.39	26.91
PK	416.06M	24.75	46.00	-21.25	-3.01	3	Horizontal	360	1.00	27.76	21.84	2.76	27.61
PK	530.52M	26.86	46.00	-19.14	-1.15	3	Horizontal	360	1.00	28.01	23.67	3.35	28.17

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.3514G	48.41	54.00	-5.59	3	Vertical	43	1.00
802.11be EHT20_Nss1,(MCS0)_1TX	Pass	AV	5.35G	53.81	54.00	-0.19	3	Vertical	41	3.00
802.11be EHT40_Nss1,(MCS0)_1TX	Pass	AV	5.35G	53.87	54.00	-0.13	3	Vertical	41	3.00
802.11be EHT80_Nss1,(MCS0)_1TX	Pass	AV	5.35G	53.05	54.00	-0.95	3	Vertical	38	3.00
802.11be EHT160_Nss1,(MCS0)_1TX	Pass	PK	5.5128G	68.07	68.20	-0.13	3	Vertical	42	3.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1496G	46.71	54.00	-7.29	3	Vertical	41	1.00
5260MHz	Pass	AV	5.2672G	101.84	Inf	-Inf	3	Vertical	41	1.00
5260MHz	Pass	AV	5.3548G	46.68	54.00	-7.32	3	Vertical	41	1.00
5260MHz	Pass	PK	5.1472G	60.09	74.00	-13.91	3	Vertical	41	1.00
5260MHz	Pass	PK	5.2654G	112.06	Inf	-Inf	3	Vertical	41	1.00
5260MHz	Pass	PK	5.356G	60.90	74.00	-13.10	3	Vertical	41	1.00
5260MHz	Pass	PK	10.51508G	47.82	68.20	-20.38	3	Vertical	249	1.46
5260MHz	Pass	PK	10.52304G	47.43	68.20	-20.77	3	Horizontal	193	2.68
5300MHz	Pass	AV	5.2928G	100.77	Inf	-Inf	3	Vertical	39	1.01
5300MHz	Pass	AV	5.35G	47.48	54.00	-6.52	3	Vertical	39	1.01
5300MHz	Pass	PK	5.2932G	111.69	Inf	-Inf	3	Vertical	39	1.01
5300MHz	Pass	PK	5.3804G	60.46	74.00	-13.54	3	Vertical	39	1.01
5300MHz	Pass	AV	10.60784G	35.66	54.00	-18.34	3	Vertical	191	2.91
5300MHz	Pass	PK	10.60236G	49.33	74.00	-24.67	3	Vertical	191	2.91
5300MHz	Pass	AV	10.60092G	35.67	54.00	-18.33	3	Horizontal	31	2.09
5300MHz	Pass	PK	10.5974G	48.28	68.20	-19.92	3	Horizontal	31	2.09
5320MHz	Pass	AV	5.3262G	100.71	Inf	-Inf	3	Vertical	43	1.00
5320MHz	Pass	AV	5.3514G	48.41	54.00	-5.59	3	Vertical	43	1.00
5320MHz	Pass	PK	5.3244G	110.97	Inf	-Inf	3	Vertical	43	1.00
5320MHz	Pass	PK	5.3514G	62.72	74.00	-11.28	3	Vertical	43	1.00
5320MHz	Pass	AV	10.64528G	35.79	54.00	-18.21	3	Vertical	277	1.30
5320MHz	Pass	PK	10.63028G	48.78	74.00	-25.22	3	Vertical	277	1.30
5320MHz	Pass	AV	10.64652G	35.76	54.00	-18.24	3	Horizontal	159	1.14
5320MHz	Pass	PK	10.63456G	48.47	74.00	-25.53	3	Horizontal	159	1.14
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.146G	46.46	54.00	-7.54	3	Vertical	41	3.00
5260MHz	Pass	AV	5.2678G	102.69	Inf	-Inf	3	Vertical	41	3.00
5260MHz	Pass	AV	5.3524G	46.79	54.00	-7.21	3	Vertical	41	3.00
5260MHz	Pass	PK	5.1244G	59.71	74.00	-14.29	3	Vertical	41	3.00
5260MHz	Pass	PK	5.2606G	115.40	Inf	-Inf	3	Vertical	41	3.00
5260MHz	Pass	PK	5.4052G	59.69	74.00	-14.31	3	Vertical	41	3.00
5260MHz	Pass	PK	10.508G	49.20	68.20	-19.00	3	Vertical	26	2.39
5260MHz	Pass	PK	10.51844G	48.87	68.20	-19.33	3	Horizontal	130	1.89
5300MHz	Pass	AV	5.3076G	101.91	Inf	-Inf	3	Vertical	42	3.00
5300MHz	Pass	AV	5.35G	49.87	54.00	-4.13	3	Vertical	42	3.00
5300MHz	Pass	PK	5.2948G	115.40	Inf	-Inf	3	Vertical	42	3.00
5300MHz	Pass	PK	5.352G	64.91	74.00	-9.09	3	Vertical	42	3.00
5300MHz	Pass	AV	10.61266G	35.25	54.00	-18.75	3	Vertical	282	2.17
5300MHz	Pass	PK	10.58632G	49.37	68.20	-18.83	3	Vertical	282	2.17
5300MHz	Pass	AV	10.61374G	35.25	54.00	-18.75	3	Horizontal	252	1.03
5300MHz	Pass	PK	10.60222G	49.30	74.00	-24.70	3	Horizontal	252	1.03
5320MHz	Pass	AV	5.3142G	101.28	Inf	-Inf	3	Vertical	41	3.00
5320MHz	Pass	AV	5.35G	53.81	54.00	-0.19	3	Vertical	41	3.00
5320MHz	Pass	PK	5.318G	115.92	Inf	-Inf	3	Vertical	41	3.00
5320MHz	Pass	PK	5.35G	70.56	74.00	-3.44	3	Vertical	41	3.00
5320MHz	Pass	AV	10.64612G	35.46	54.00	-18.54	3	Vertical	337	1.50
5320MHz	Pass	PK	10.64978G	49.78	74.00	-24.22	3	Vertical	337	1.50
5320MHz	Pass	AV	10.6451G	35.45	54.00	-18.55	3	Horizontal	218	1.50
5320MHz	Pass	PK	10.6259G	49.26	74.00	-24.74	3	Horizontal	218	1.50
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.2764G	98.85	Inf	-Inf	3	Vertical	40	3.00
5270MHz	Pass	AV	5.35G	51.25	54.00	-2.75	3	Vertical	40	3.00
5270MHz	Pass	PK	5.2888G	112.85	Inf	-Inf	3	Vertical	40	3.00
5270MHz	Pass	PK	5.3524G	67.24	74.00	-6.76	3	Vertical	40	3.00
5270MHz	Pass	PK	10.54012G	48.74	68.20	-19.46	3	Vertical	277	1.76
5270MHz	Pass	PK	10.53214G	49.05	68.20	-19.15	3	Horizontal	127	1.50
5310MHz	Pass	AV	5.3176G	98.37	Inf	-Inf	3	Vertical	41	3.00
5310MHz	Pass	AV	5.35G	53.87	54.00	-0.13	3	Vertical	41	3.00
5310MHz	Pass	PK	5.3012G	112.56	Inf	-Inf	3	Vertical	41	3.00
5310MHz	Pass	PK	5.3504G	72.51	74.00	-1.49	3	Vertical	41	3.00



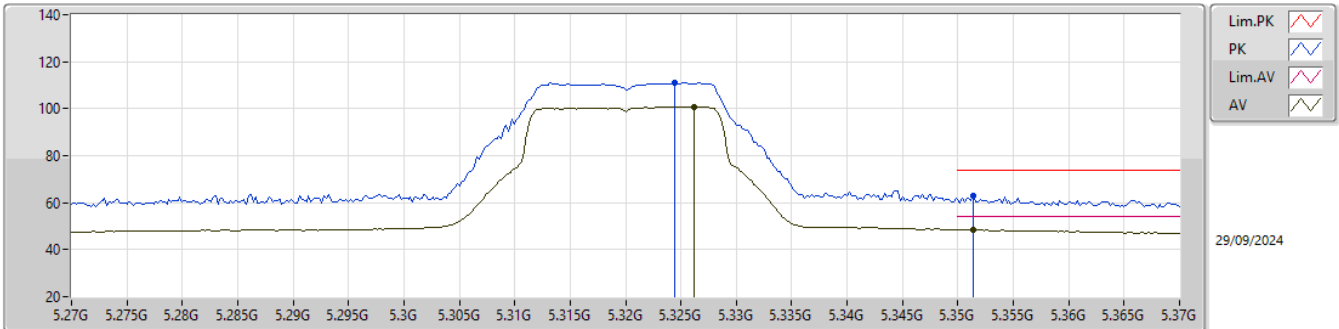
RSE TX above 1GHz Non-Beamforming Radio2 1T1S

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5310MHz	Pass	AV	10.61166G	35.40	54.00	-18.60	3	Vertical	59	1.99
5310MHz	Pass	PK	10.6092G	49.81	74.00	-24.19	3	Vertical	59	1.99
5310MHz	Pass	AV	10.61358G	35.37	54.00	-18.63	3	Horizontal	237	1.50
5310MHz	Pass	PK	10.61292G	49.28	74.00	-24.72	3	Horizontal	237	1.50
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.15G	47.88	54.00	-6.12	3	Vertical	38	3.00
5290MHz	Pass	AV	5.316G	94.77	Inf	-Inf	3	Vertical	38	3.00
5290MHz	Pass	AV	5.35G	53.05	54.00	-0.95	3	Vertical	38	3.00
5290MHz	Pass	PK	5.146G	61.10	74.00	-12.90	3	Vertical	38	3.00
5290MHz	Pass	PK	5.284G	109.53	Inf	-Inf	3	Vertical	38	3.00
5290MHz	Pass	PK	5.356G	66.60	74.00	-7.40	3	Vertical	38	3.00
5290MHz	Pass	PK	5.495G	61.53	68.20	-6.67	3	Vertical	38	3.00
5290MHz	Pass	PK	10.58654G	49.77	68.20	-18.43	3	Vertical	7	1.50
5290MHz	Pass	PK	10.59278G	49.50	68.20	-18.70	3	Horizontal	197	1.50
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	AV	5.142G	50.85	54.00	-3.15	3	Vertical	42	3.00
5250MHz Straddle 5.15-5.25GHz	Pass	AV	5.316G	91.98	Inf	-Inf	3	Vertical	42	3.00
5250MHz Straddle 5.15-5.25GHz	Pass	AV	5.4468G	52.82	54.00	-1.18	3	Vertical	42	3.00
5250MHz Straddle 5.15-5.25GHz	Pass	PK	5.112G	67.24	74.00	-6.76	3	Vertical	42	3.00
5250MHz Straddle 5.15-5.25GHz	Pass	PK	5.292G	106.06	Inf	-Inf	3	Vertical	42	3.00
5250MHz Straddle 5.15-5.25GHz	Pass	PK	5.3928G	70.31	74.00	-3.69	3	Vertical	42	3.00
5250MHz Straddle 5.15-5.25GHz	Pass	PK	5.5128G	68.07	68.20	-0.13	3	Vertical	42	3.00
5250MHz Straddle 5.15-5.25GHz	Pass	PK	10.51338G	48.86	68.20	-19.34	3	Vertical	246	1.00
5250MHz Straddle 5.15-5.25GHz	Pass	PK	10.50258G	49.18	68.20	-19.02	3	Horizontal	262	1.00

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

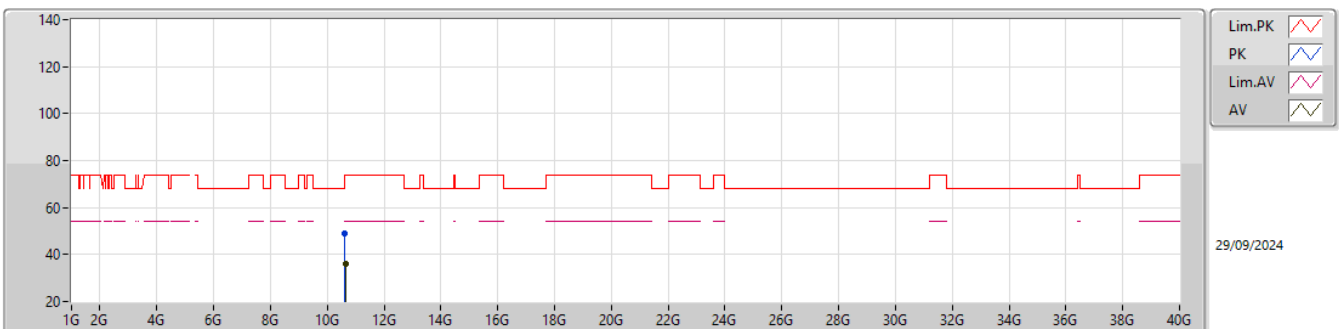
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3262G	100.71	Inf	-Inf	10.88	3	Vertical	43	1.00	89.83	33.10	4.90	27.12
AV	5.3514G	48.41	54.00	-5.59	10.88	3	Vertical	43	1.00	37.53	33.10	4.91	27.13
PK	5.3244G	110.97	Inf	-Inf	10.88	3	Vertical	43	1.00	100.09	33.10	4.90	27.12
PK	5.3514G	62.72	74.00	-11.28	10.88	3	Vertical	43	1.00	51.84	33.10	4.91	27.13

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

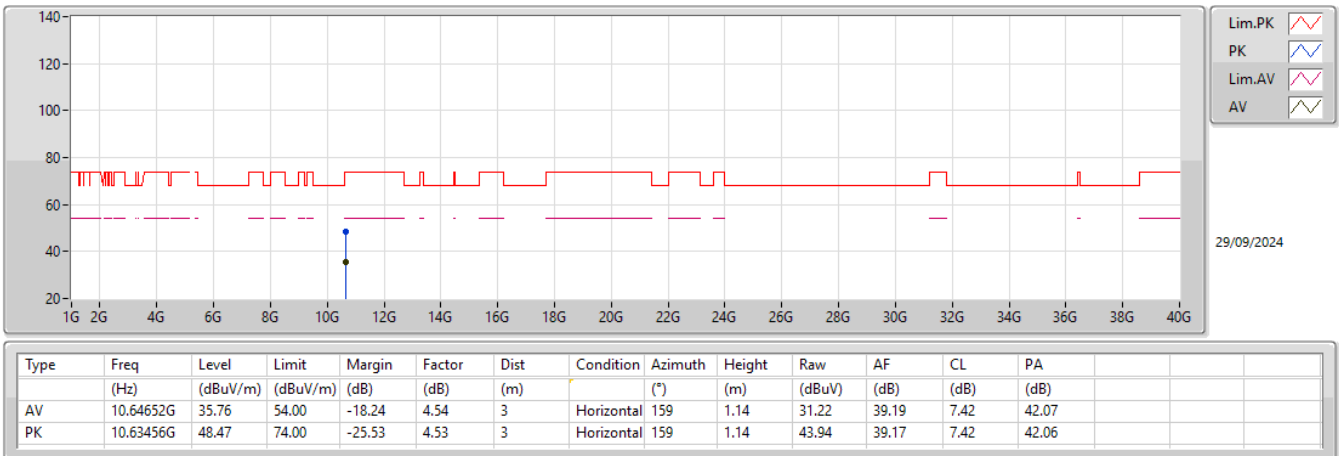
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.64528G	35.79	54.00	-18.21	4.54	3	Vertical	277	1.30	31.25	39.19	7.42	42.07
PK	10.63028G	48.78	74.00	-25.22	4.51	3	Vertical	277	1.30	44.27	39.16	7.41	42.06

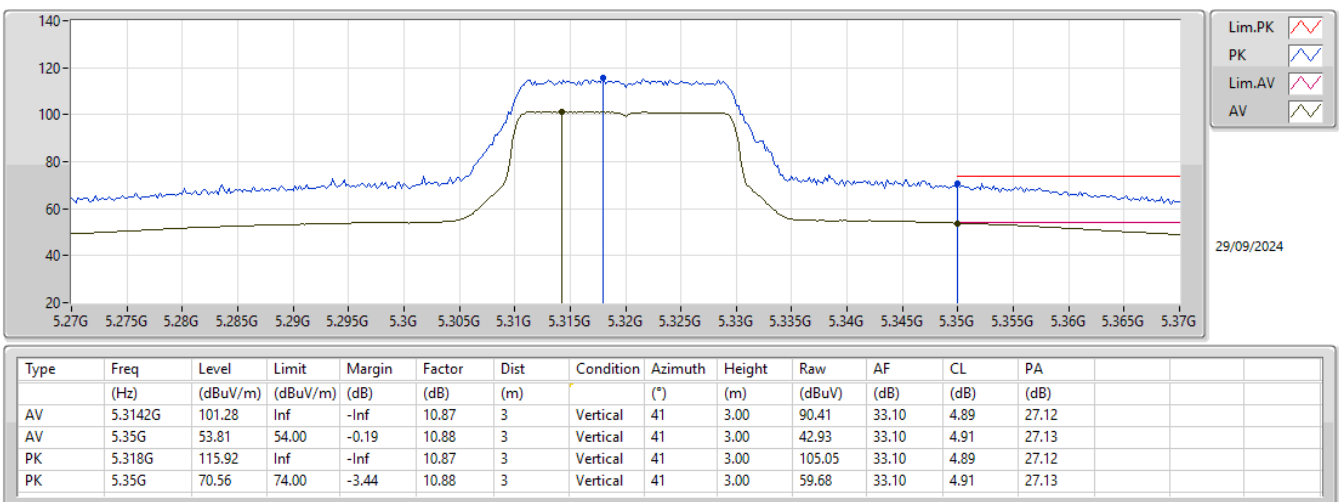
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX



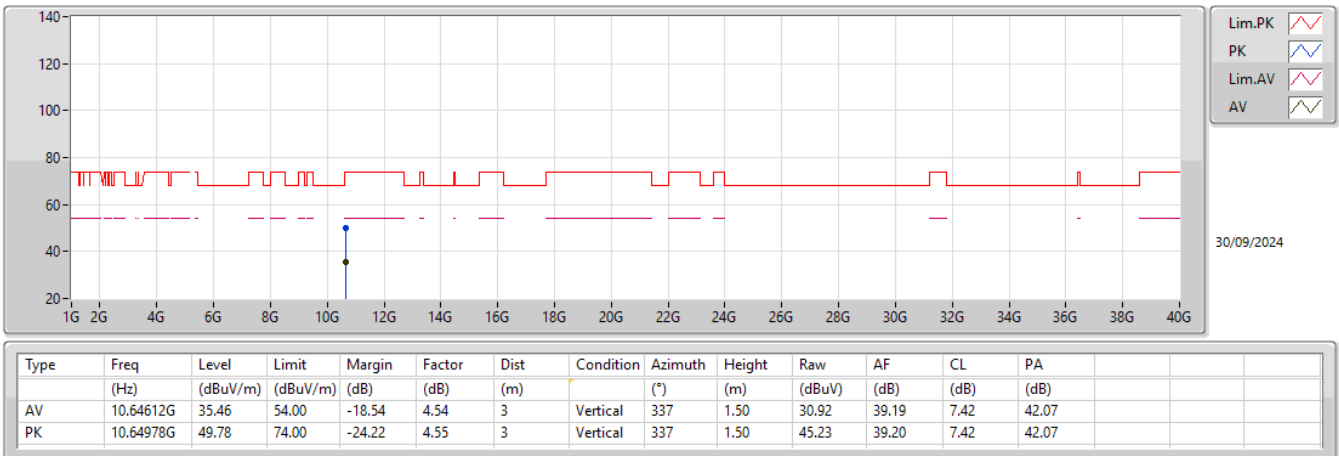
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5320MHz_TX



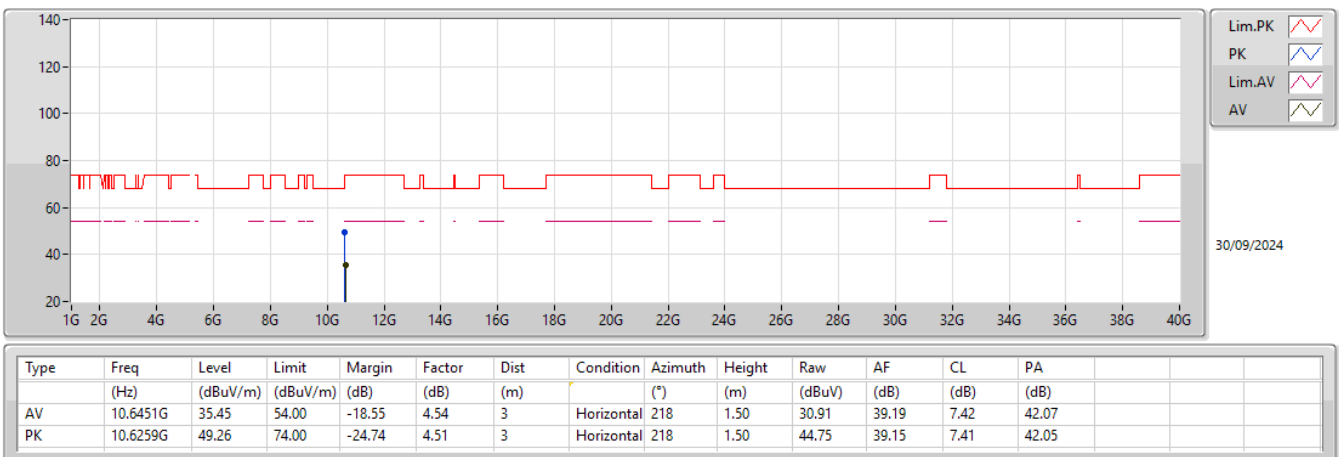
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5320MHz_TX



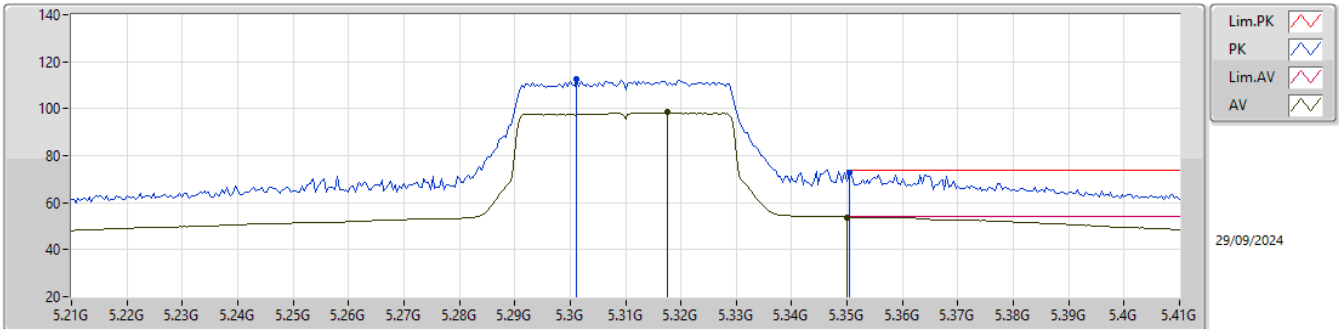
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

5320MHz_TX



5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

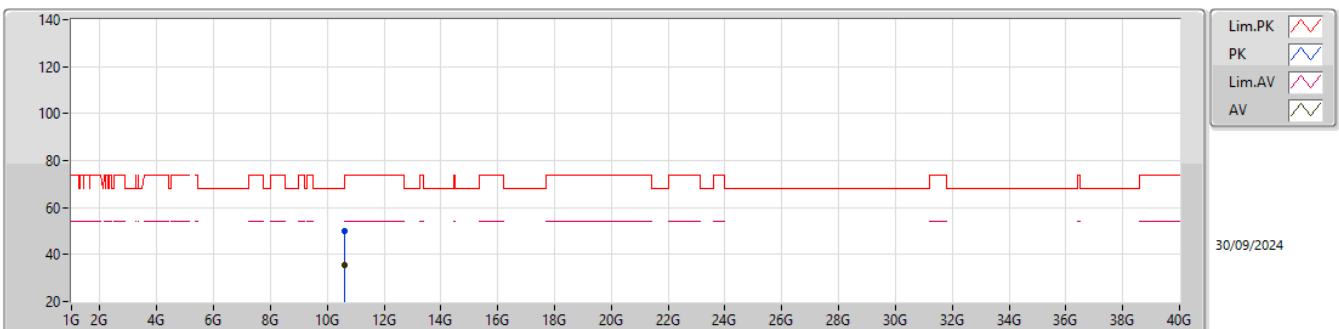
5310MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3176G	98.37	Inf	-Inf	10.87	3	Vertical	41	3.00	87.50	33.10	4.89	27.12
AV	5.35G	53.87	54.00	-0.13	10.88	3	Vertical	41	3.00	42.99	33.10	4.91	27.13
PK	5.3012G	112.56	Inf	-Inf	10.88	3	Vertical	41	3.00	101.68	33.10	4.89	27.11
PK	5.3504G	72.51	74.00	-1.49	10.88	3	Vertical	41	3.00	61.63	33.10	4.91	27.13

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

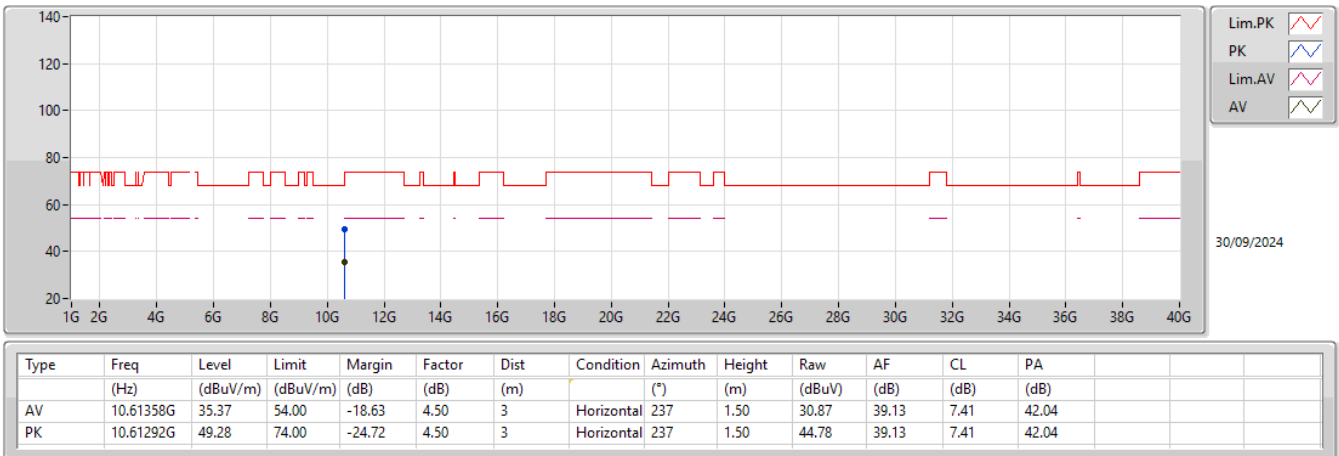
5310MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.61166G	35.40	54.00	-18.60	4.49	3	Vertical	59	1.99	30.91	39.12	7.41	42.04
PK	10.6092G	49.81	74.00	-24.19	4.49	3	Vertical	59	1.99	45.32	39.12	7.41	42.04

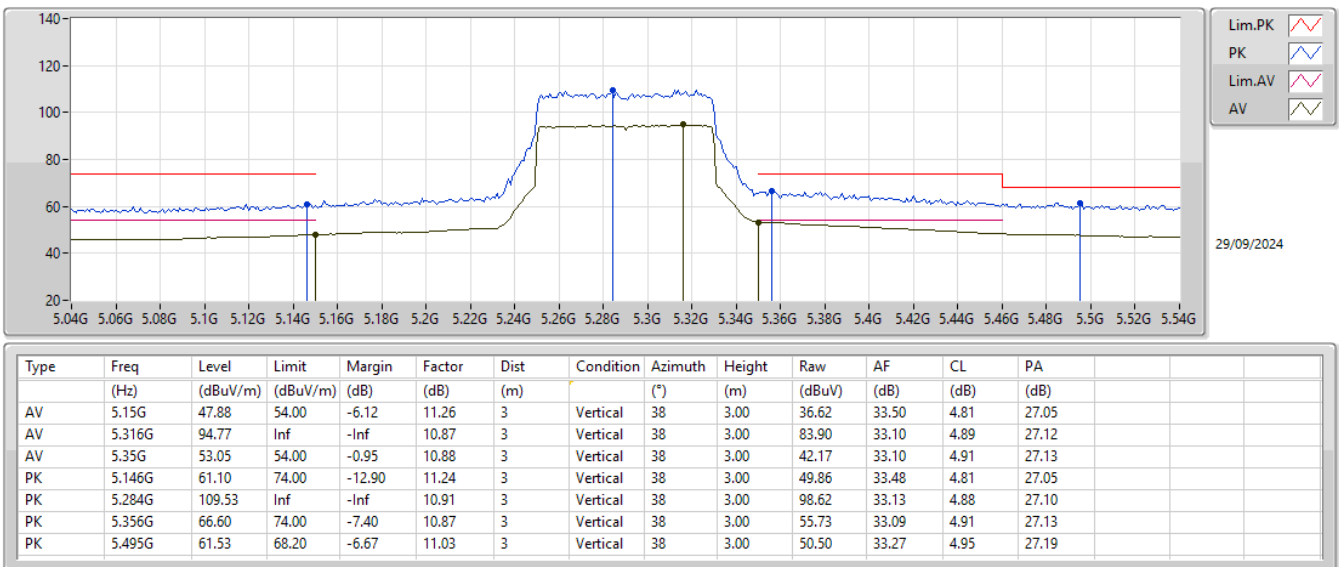
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5310MHz_TX



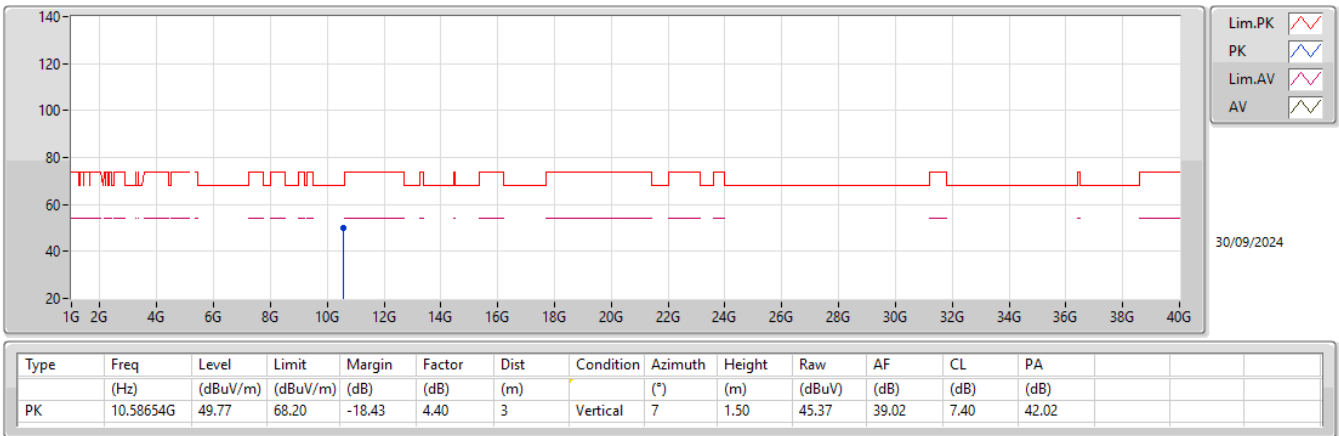
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5290MHz_TX



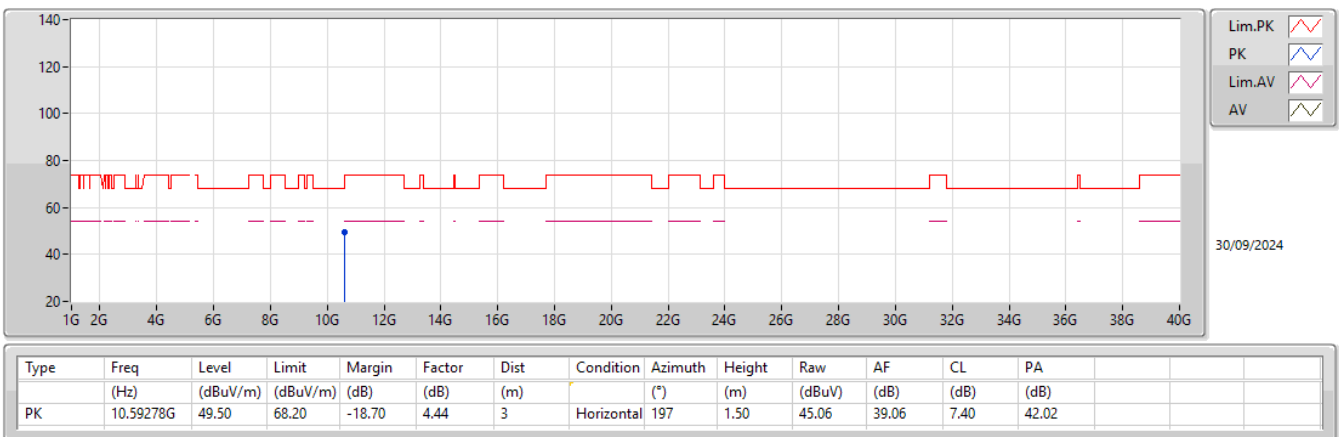
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5290MHz_TX



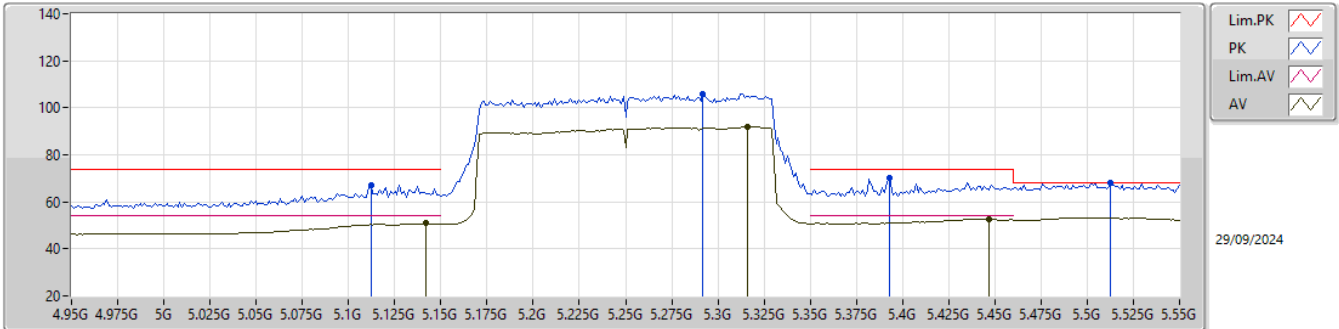
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX

5290MHz_TX



5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX

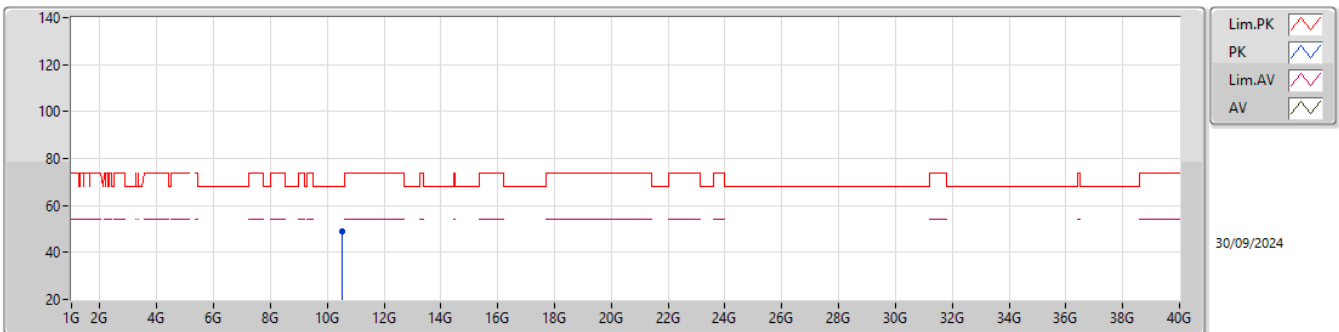
5250MHz Straddle 5.15-5.25GHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.142G	50.85	54.00	-3.15	11.21	3	Vertical	42	3.00	39.64	33.45	4.81	27.05
AV	5.316G	91.98	Inf	-Inf	10.87	3	Vertical	42	3.00	81.11	33.10	4.89	27.12
AV	5.4468G	52.82	54.00	-1.18	10.77	3	Vertical	42	3.00	42.05	33.00	4.94	27.17
PK	5.112G	67.24	74.00	-6.76	11.03	3	Vertical	42	3.00	56.21	33.27	4.79	27.03
PK	5.292G	106.06	Inf	-Inf	10.89	3	Vertical	42	3.00	95.17	33.12	4.88	27.11
PK	5.3928G	70.31	74.00	-3.69	10.79	3	Vertical	42	3.00	59.52	33.01	4.93	27.15
PK	5.5128G	68.07	68.20	-0.13	11.04	3	Vertical	42	3.00	57.03	33.27	4.96	27.19

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX

5250MHz Straddle 5.15-5.25GHz_TX

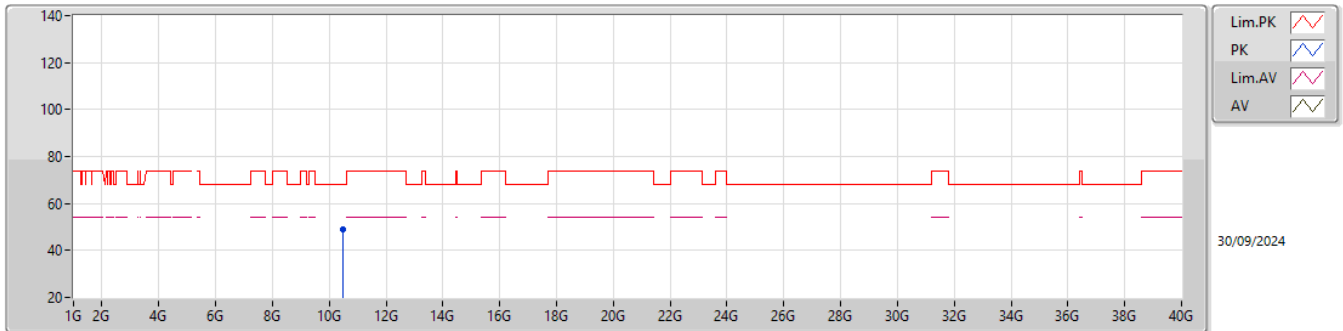


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.51338G	48.86	68.20	-19.34	4.15	3	Vertical	246	1.00	44.71	38.73	7.37	41.95



5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX

5250MHz Straddle 5.15-5.25GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)			
PK	10.50258G	49.18	68.20	-19.02	4.13	3	Horizontal	262	1.00	45.05	38.71	7.36	41.94			



Summary

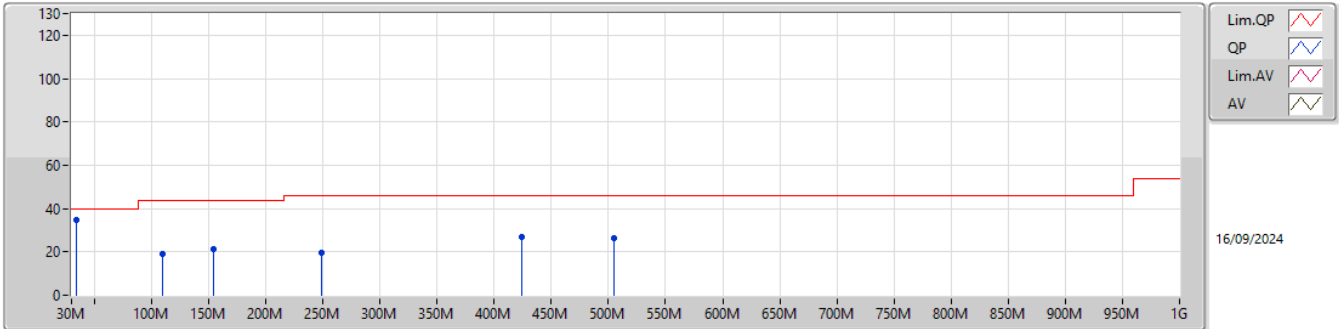
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	33.88M	34.80	40.00	-5.20	3	Vertical	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5320MHz_PoE	Pass	PK	33.88M	34.80	40.00	-5.20	3	Vertical	0	1.00
5320MHz_PoE	Pass	PK	109.54M	18.82	43.50	-24.68	3	Vertical	0	1.00
5320MHz_PoE	Pass	PK	154.16M	21.07	43.50	-22.43	3	Vertical	0	1.00
5320MHz_PoE	Pass	PK	249.22M	19.63	46.00	-26.37	3	Vertical	0	1.00
5320MHz_PoE	Pass	PK	423.82M	27.02	46.00	-18.98	3	Vertical	0	1.00
5320MHz_PoE	Pass	PK	505.3M	26.37	46.00	-19.63	3	Vertical	0	1.00
5320MHz_PoE	Pass	PK	45.52M	26.28	40.00	-13.72	3	Horizontal	360	1.00
5320MHz_PoE	Pass	PK	111.48M	21.68	43.50	-21.82	3	Horizontal	360	1.00
5320MHz_PoE	Pass	PK	161.92M	21.20	43.50	-22.30	3	Horizontal	360	1.00
5320MHz_PoE	Pass	PK	315.18M	22.65	46.00	-23.35	3	Horizontal	360	1.00
5320MHz_PoE	Pass	PK	392.78M	25.19	46.00	-20.81	3	Horizontal	360	1.00
5320MHz_PoE	Pass	PK	563.5M	27.68	46.00	-18.32	3	Horizontal	360	1.00

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

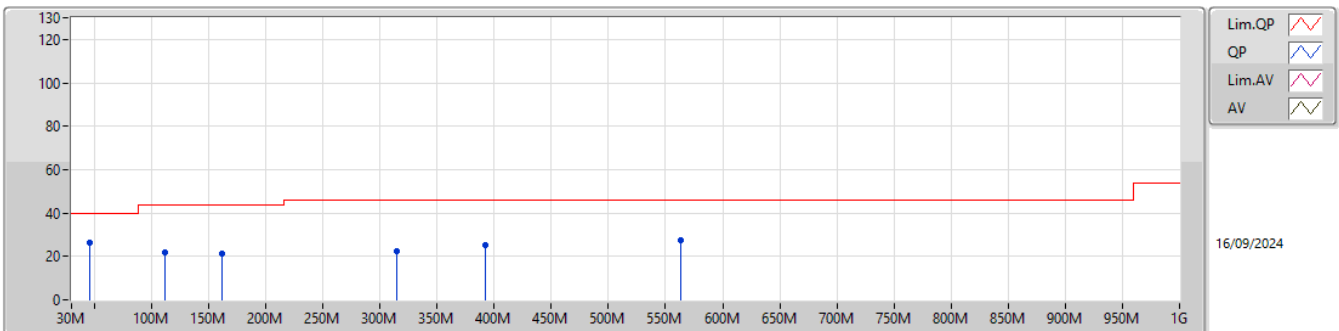
5320MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	33.88M	34.80	40.00	-5.20	-5.72	3	Vertical	0	1.00	40.52	21.50	0.27	27.49
PK	109.54M	18.82	43.50	-24.68	-8.95	3	Vertical	0	1.00	27.77	17.20	1.11	27.26
PK	154.16M	21.07	43.50	-22.43	-10.23	3	Vertical	0	1.00	31.30	15.24	1.66	27.13
PK	249.22M	19.63	46.00	-26.37	-7.07	3	Vertical	0	1.00	26.70	17.51	2.16	26.74
PK	423.82M	27.02	46.00	-18.98	-2.99	3	Vertical	0	1.00	30.01	21.87	2.80	27.66
PK	505.3M	26.37	46.00	-19.63	-1.91	3	Vertical	0	1.00	28.28	23.01	3.26	28.18

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5320MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	45.52M	26.28	40.00	-13.72	-11.72	3	Horizontal	360	1.00	38.00	15.26	0.38	27.36
PK	111.48M	21.68	43.50	-21.82	-8.80	3	Horizontal	360	1.00	30.48	17.31	1.14	27.25
PK	161.92M	21.20	43.50	-22.30	-10.36	3	Horizontal	360	1.00	31.56	15.00	1.74	27.10
PK	315.18M	22.65	46.00	-23.35	-5.82	3	Horizontal	360	1.00	28.47	18.67	2.32	26.81
PK	392.78M	25.19	46.00	-20.81	-4.14	3	Horizontal	360	1.00	29.33	20.62	2.67	27.43
PK	563.5M	27.68	46.00	-18.32	-0.53	3	Horizontal	360	1.00	28.21	24.20	3.46	28.19

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.35G	51.90	54.00	-2.10	3	Vertical	34	1.07
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	5.35G	52.79	54.00	-1.21	3	Vertical	33	1.11
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	5.35G	53.20	54.00	-0.80	3	Vertical	33	1.07
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	AV	5.364G	53.20	54.00	-0.80	3	Vertical	36	1.04
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	AV	5.3592G	53.71	54.00	-0.29	3	Vertical	317	1.50

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1478G	46.66	54.00	-7.34	3	Vertical	32	1.00
5260MHz	Pass	AV	5.2534G	105.71	Inf	-Inf	3	Vertical	32	1.00
5260MHz	Pass	AV	5.35G	46.81	54.00	-7.19	3	Vertical	32	1.00
5260MHz	Pass	PK	5.1124G	60.08	74.00	-13.92	3	Vertical	32	1.00
5260MHz	Pass	PK	5.254G	116.46	Inf	-Inf	3	Vertical	32	1.00
5260MHz	Pass	PK	5.3518G	60.10	74.00	-13.90	3	Vertical	32	1.00
5260MHz	Pass	PK	10.51931G	49.37	68.20	-18.83	3	Vertical	149	2.04
5260MHz	Pass	PK	10.51564G	49.10	68.20	-19.10	3	Horizontal	1	2.59
5300MHz	Pass	AV	5.2928G	105.71	Inf	-Inf	3	Vertical	313	1.31
5300MHz	Pass	AV	5.3528G	49.27	54.00	-4.73	3	Vertical	313	1.31
5300MHz	Pass	PK	5.2932G	116.19	Inf	-Inf	3	Vertical	313	1.31
5300MHz	Pass	PK	5.358G	64.02	74.00	-9.98	3	Vertical	313	1.31
5300MHz	Pass	PK	10.59923G	49.93	68.20	-18.27	3	Vertical	258	2.58
5300MHz	Pass	AV	10.60964G	35.54	54.00	-18.46	3	Horizontal	247	2.07
5300MHz	Pass	PK	10.59688G	49.37	68.20	-18.83	3	Horizontal	247	2.07
5320MHz	Pass	AV	5.3234G	105.44	Inf	-Inf	3	Vertical	34	1.07
5320MHz	Pass	AV	5.35G	51.90	54.00	-2.10	3	Vertical	34	1.07
5320MHz	Pass	PK	5.3188G	115.85	Inf	-Inf	3	Vertical	34	1.07
5320MHz	Pass	PK	5.353G	67.57	74.00	-6.43	3	Vertical	34	1.07
5320MHz	Pass	AV	10.63979G	35.66	54.00	-18.34	3	Vertical	152	2.50
5320MHz	Pass	PK	10.64093G	49.36	74.00	-24.64	3	Vertical	152	2.50
5320MHz	Pass	AV	10.64288G	35.76	54.00	-18.24	3	Horizontal	31	2.59
5320MHz	Pass	PK	10.6396G	49.71	74.00	-24.29	3	Horizontal	31	2.59
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1484G	46.78	54.00	-7.22	3	Vertical	35	1.01
5260MHz	Pass	AV	5.2534G	105.67	Inf	-Inf	3	Vertical	35	1.01
5260MHz	Pass	AV	5.35G	46.90	54.00	-7.10	3	Vertical	35	1.01
5260MHz	Pass	PK	5.1466G	60.03	74.00	-13.97	3	Vertical	35	1.01
5260MHz	Pass	PK	5.2534G	118.22	Inf	-Inf	3	Vertical	35	1.01
5260MHz	Pass	PK	5.356G	61.19	74.00	-12.81	3	Vertical	35	1.01
5260MHz	Pass	PK	10.51929G	49.32	68.20	-18.88	3	Vertical	332	2.46
5260MHz	Pass	PK	10.51076G	50.24	68.20	-17.96	3	Horizontal	70	2.67
5300MHz	Pass	AV	5.2916G	105.73	Inf	-Inf	3	Vertical	316	1.28
5300MHz	Pass	AV	5.3508G	51.87	54.00	-2.13	3	Vertical	316	1.28
5300MHz	Pass	PK	5.292G	118.62	Inf	-Inf	3	Vertical	316	1.28
5300MHz	Pass	PK	5.352G	68.35	74.00	-5.65	3	Vertical	316	1.28
5300MHz	Pass	PK	10.60013G	50.07	74.00	-23.93	3	Vertical	281	1.67
5300MHz	Pass	PK	10.59576G	48.96	68.20	-19.24	3	Horizontal	330	2.52
5320MHz	Pass	AV	5.3124G	104.81	Inf	-Inf	3	Vertical	33	1.11
5320MHz	Pass	AV	5.35G	52.79	54.00	-1.21	3	Vertical	33	1.11
5320MHz	Pass	PK	5.3162G	117.49	Inf	-Inf	3	Vertical	33	1.11
5320MHz	Pass	PK	5.3522G	70.24	74.00	-3.76	3	Vertical	33	1.11
5320MHz	Pass	AV	10.64056G	35.70	54.00	-18.30	3	Vertical	326	1.09
5320MHz	Pass	PK	10.64034G	50.60	74.00	-23.40	3	Vertical	326	1.09
5320MHz	Pass	AV	10.64752G	35.76	54.00	-18.24	3	Horizontal	61	2.54
5320MHz	Pass	PK	10.64536G	49.28	74.00	-24.72	3	Horizontal	61	2.54
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.2828G	102.86	Inf	-Inf	3	Vertical	313	1.17
5270MHz	Pass	AV	5.356G	49.94	54.00	-4.06	3	Vertical	313	1.17
5270MHz	Pass	PK	5.2812G	115.95	Inf	-Inf	3	Vertical	313	1.17
5270MHz	Pass	PK	5.35G	64.75	74.00	-9.25	3	Vertical	313	1.17
5270MHz	Pass	PK	10.5407G	49.52	68.20	-18.68	3	Vertical	280	2.62
5270MHz	Pass	PK	10.54364G	49.13	68.20	-19.07	3	Horizontal	267	1.92
5310MHz	Pass	AV	5.3236G	101.72	Inf	-Inf	3	Vertical	33	1.07
5310MHz	Pass	AV	5.35G	53.20	54.00	-0.80	3	Vertical	33	1.07
5310MHz	Pass	PK	5.3232G	114.64	Inf	-Inf	3	Vertical	33	1.07
5310MHz	Pass	PK	5.3632G	71.29	74.00	-2.71	3	Vertical	33	1.07
5310MHz	Pass	AV	10.61916G	35.50	54.00	-18.50	3	Vertical	74	2.56
5310MHz	Pass	PK	10.61902G	49.46	74.00	-24.54	3	Vertical	74	2.56
5310MHz	Pass	AV	10.61296G	35.76	54.00	-18.24	3	Horizontal	289	2.50



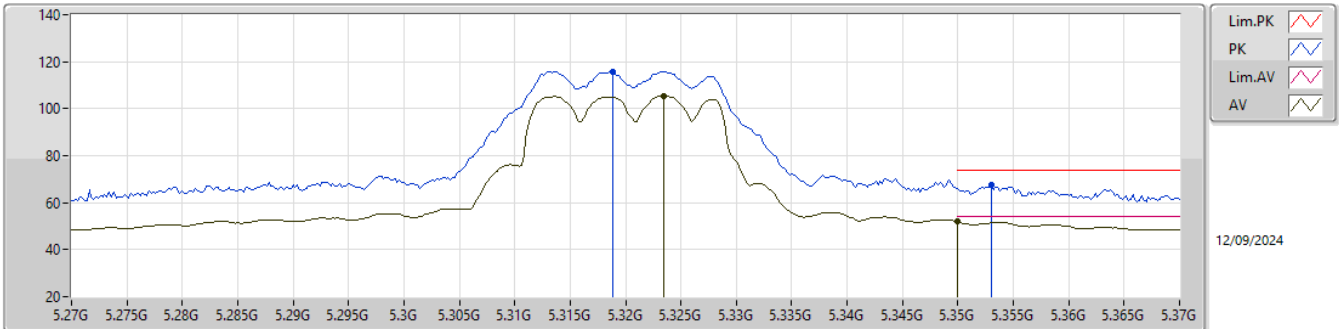
RSE TX above 1GHz Non-Beamforming Radio2 2T1S

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5310MHz	Pass	PK	10.61064G	49.04	74.00	-24.96	3	Horizontal	289	2.50
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.145G	47.56	54.00	-6.44	3	Vertical	36	1.04
5290MHz	Pass	AV	5.324G	98.07	Inf	-Inf	3	Vertical	36	1.04
5290MHz	Pass	AV	5.364G	53.20	54.00	-0.80	3	Vertical	36	1.04
5290MHz	Pass	PK	5.12G	60.45	74.00	-13.55	3	Vertical	36	1.04
5290MHz	Pass	PK	5.324G	111.72	Inf	-Inf	3	Vertical	36	1.04
5290MHz	Pass	PK	5.367G	67.29	74.00	-6.71	3	Vertical	36	1.04
5290MHz	Pass	PK	5.505G	60.66	68.20	-7.54	3	Vertical	36	1.04
5290MHz	Pass	PK	10.57906G	49.86	68.20	-18.34	3	Vertical	120	1.89
5290MHz	Pass	PK	10.58332G	49.49	68.20	-18.71	3	Horizontal	340	1.33
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.136G	50.49	54.00	-3.51	3	Vertical	317	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.2788G	93.58	Inf	-Inf	3	Vertical	317	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.3592G	53.71	54.00	-0.29	3	Vertical	317	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.136G	64.21	74.00	-9.79	3	Vertical	317	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.3208G	107.02	Inf	-Inf	3	Vertical	317	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.3592G	67.29	74.00	-6.71	3	Vertical	317	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.4624G	63.03	68.20	-5.17	3	Vertical	317	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.5009G	49.80	68.20	-18.40	3	Vertical	329	2.76
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.50628G	49.54	68.20	-18.66	3	Horizontal	113	2.14

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

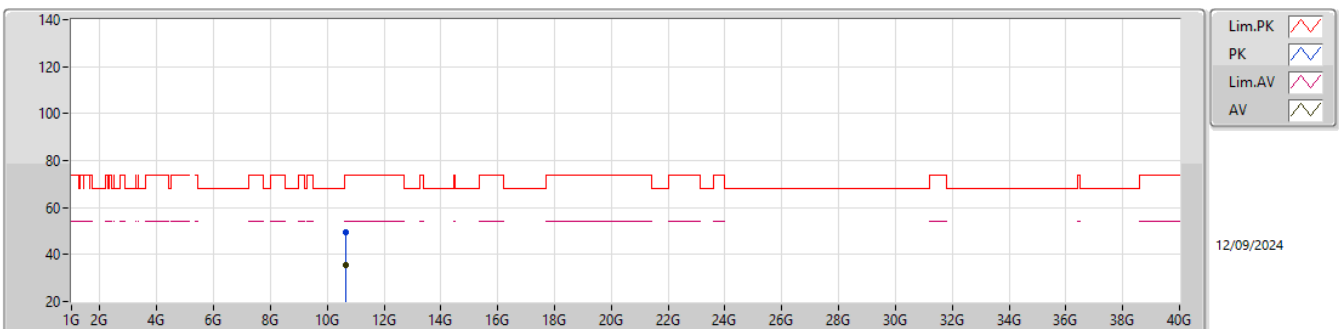
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
AV	5.3234G	105.44	Inf	-Inf	10.88	3	Vertical	34	1.07	94.56	33.10	4.90	27.12				
AV	5.35G	51.90	54.00	-2.10	10.88	3	Vertical	34	1.07	41.02	33.10	4.91	27.13				
PK	5.3188G	115.85	Inf	-Inf	10.87	3	Vertical	34	1.07	104.98	33.10	4.89	27.12				
PK	5.353G	67.57	74.00	-6.43	10.87	3	Vertical	34	1.07	56.70	33.09	4.91	27.13				

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

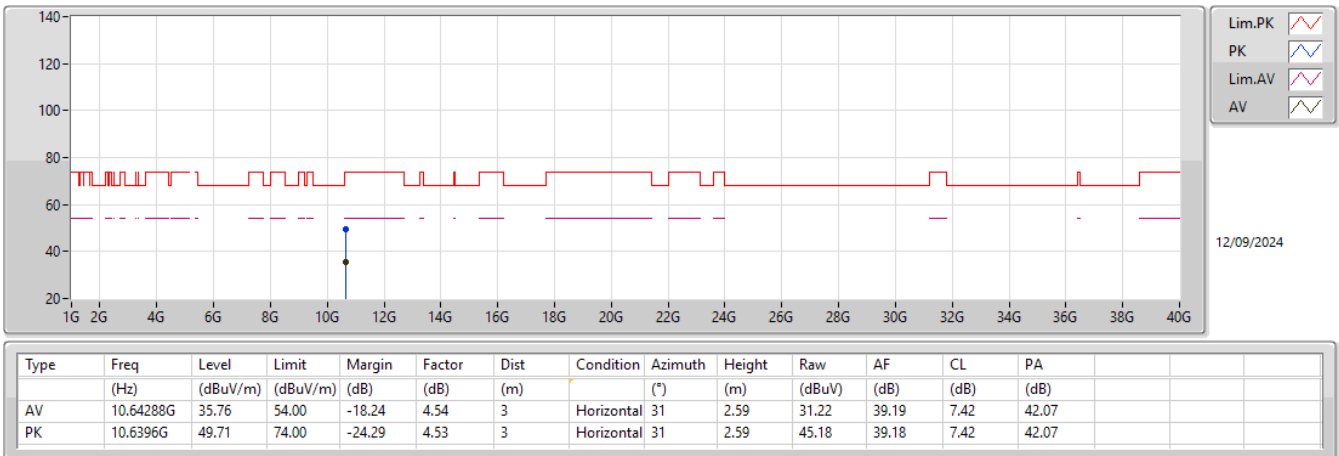
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
AV	10.63979G	35.66	54.00	-18.34	4.53	3	Vertical	152	2.50	31.13	39.18	7.42	42.07				
PK	10.64093G	49.36	74.00	-24.64	4.53	3	Vertical	152	2.50	44.83	39.18	7.42	42.07				

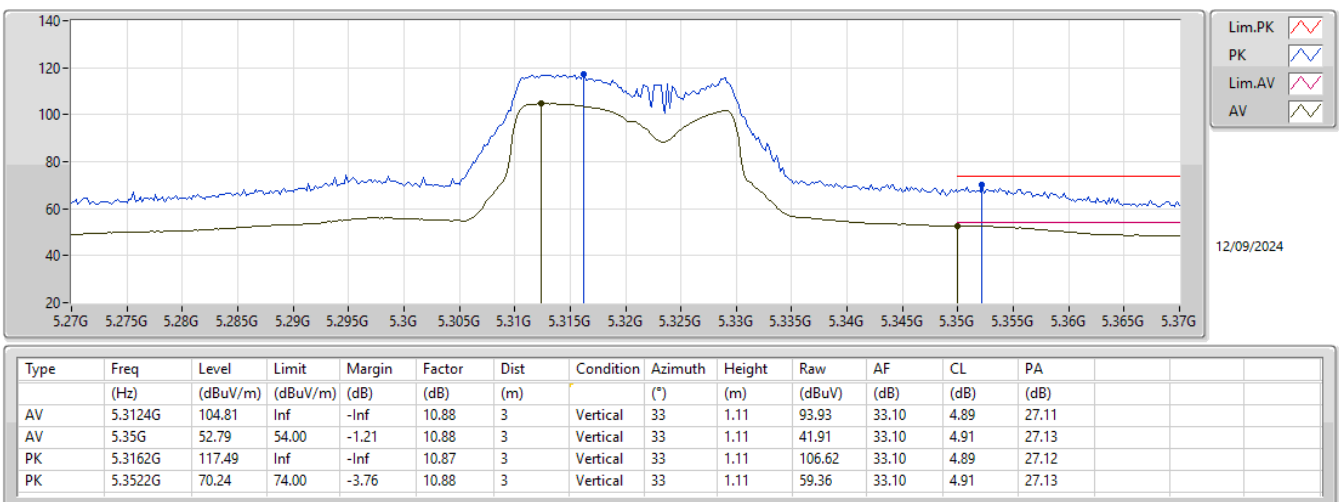
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5320MHz_TX



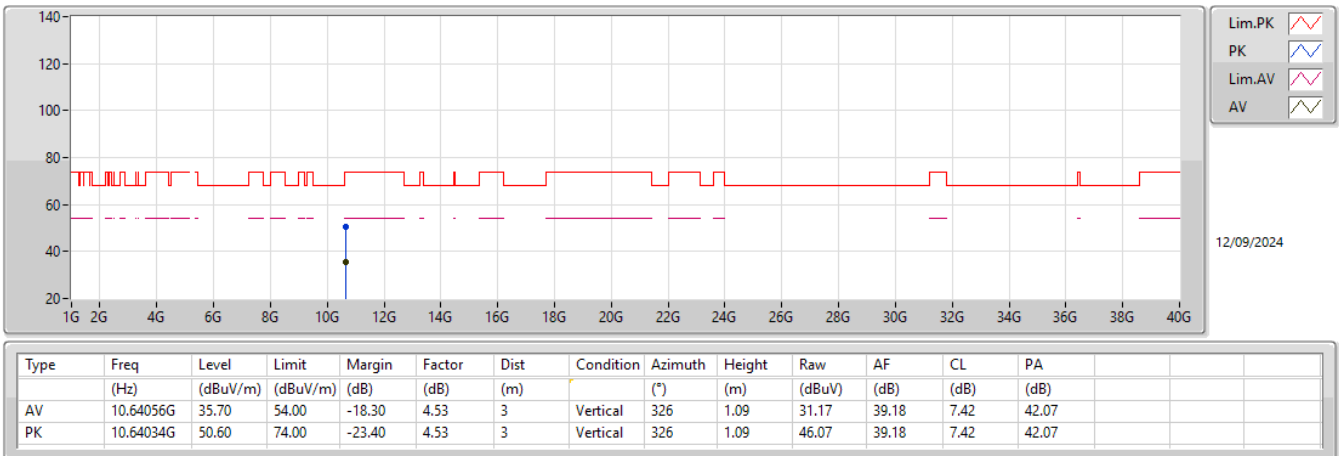
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5320MHz_TX



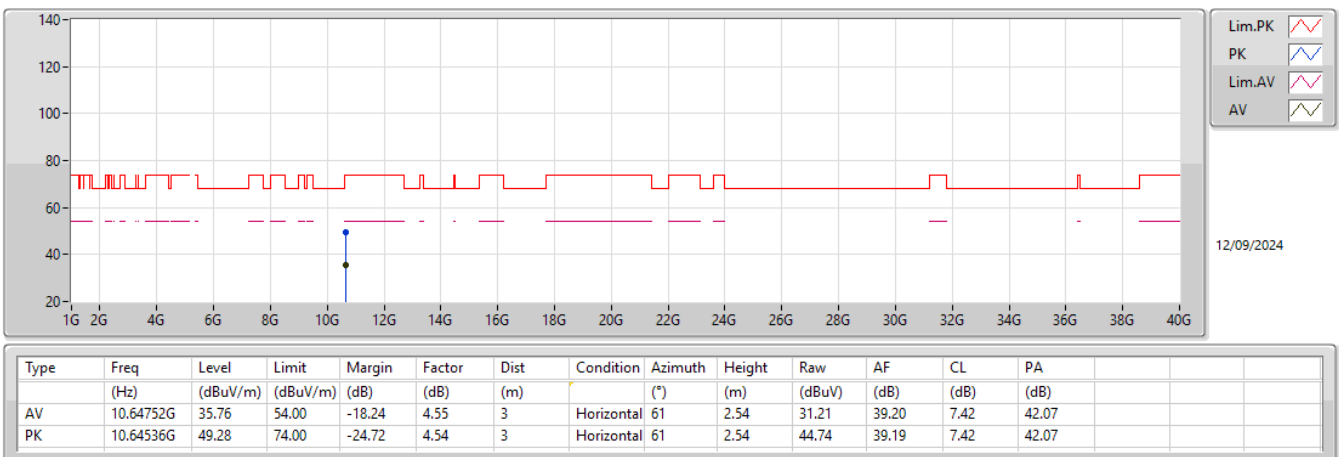
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5320MHz_TX



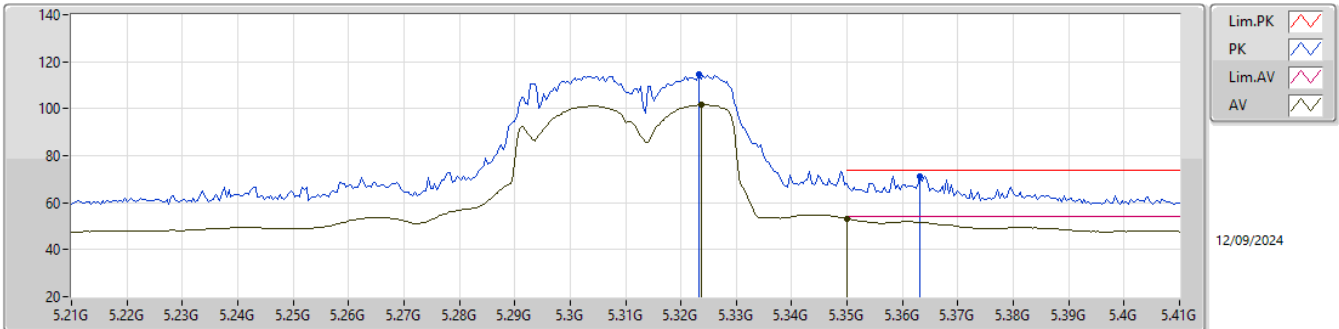
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5320MHz_TX



5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

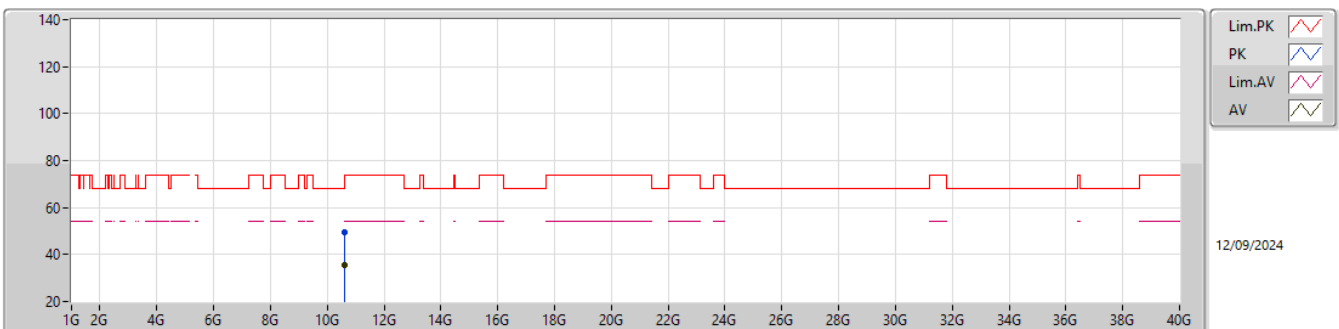
5310MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3236G	101.72	Inf	-Inf	10.88	3	Vertical	33	1.07	90.84	33.10	4.90	27.12
AV	5.35G	53.20	54.00	-0.80	10.88	3	Vertical	33	1.07	42.32	33.10	4.91	27.13
PK	5.3232G	114.64	Inf	-Inf	10.88	3	Vertical	33	1.07	103.76	33.10	4.90	27.12
PK	5.3632G	71.29	74.00	-2.71	10.84	3	Vertical	33	1.07	60.45	33.07	4.91	27.14

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

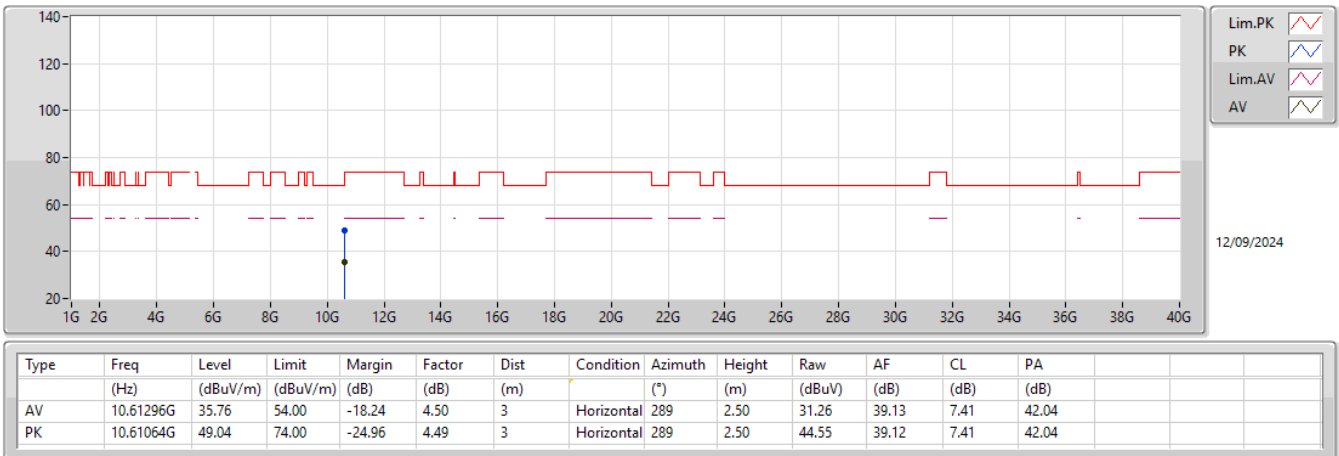
5310MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.61916G	35.50	54.00	-18.50	4.50	3	Vertical	74	2.56	31.00	39.14	7.41	42.05
PK	10.61902G	49.46	74.00	-24.54	4.50	3	Vertical	74	2.56	44.96	39.14	7.41	42.05

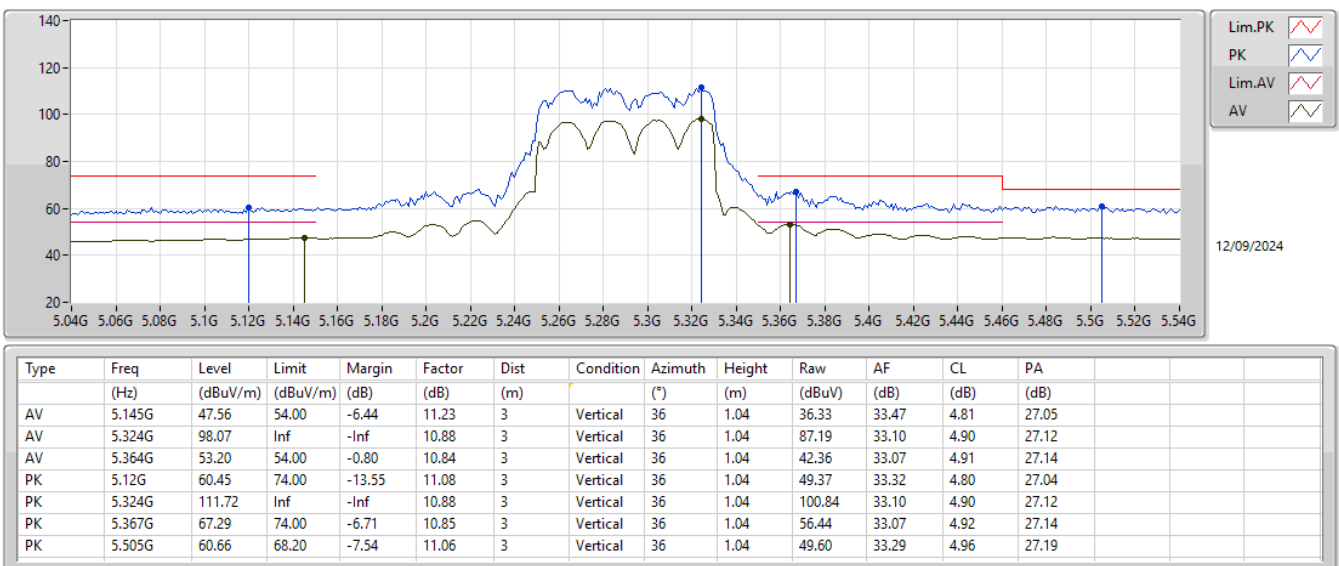
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5310MHz_TX



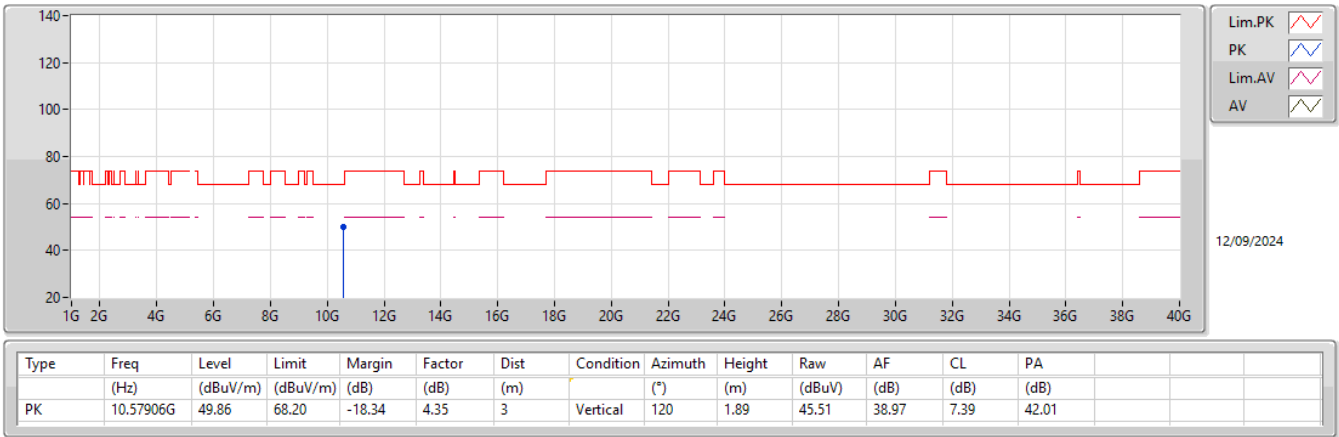
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5290MHz_TX



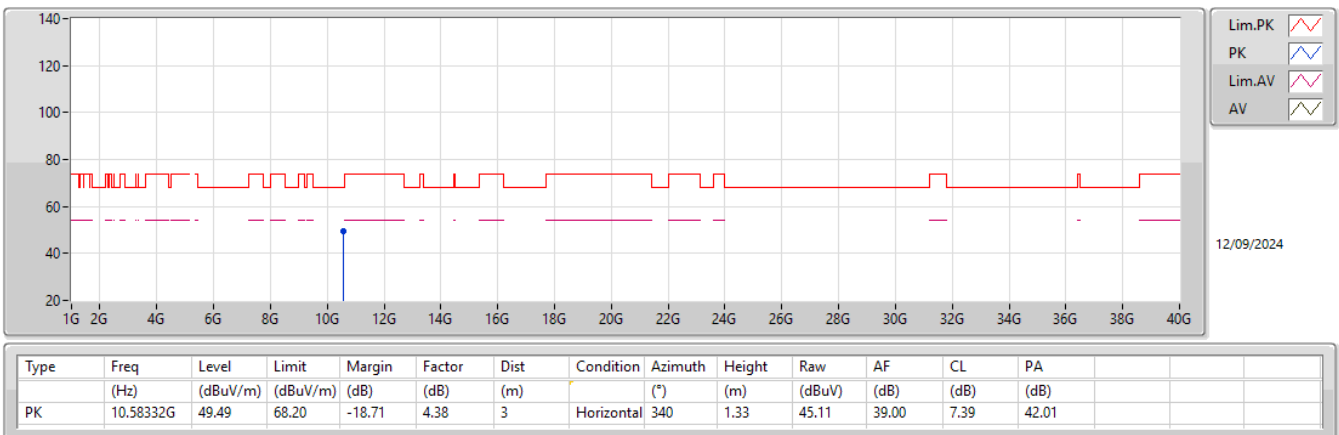
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5290MHz_TX



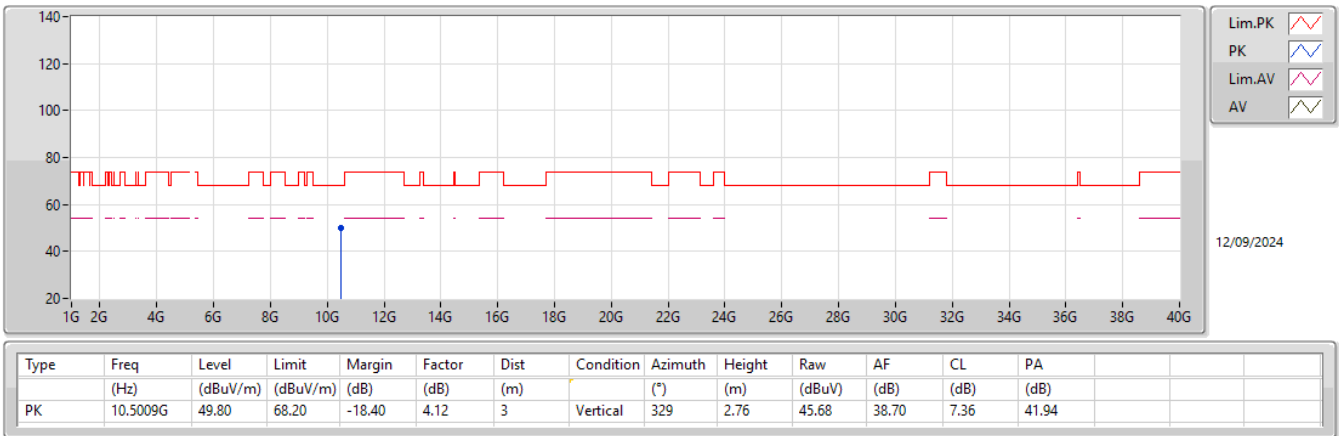
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5290MHz_TX



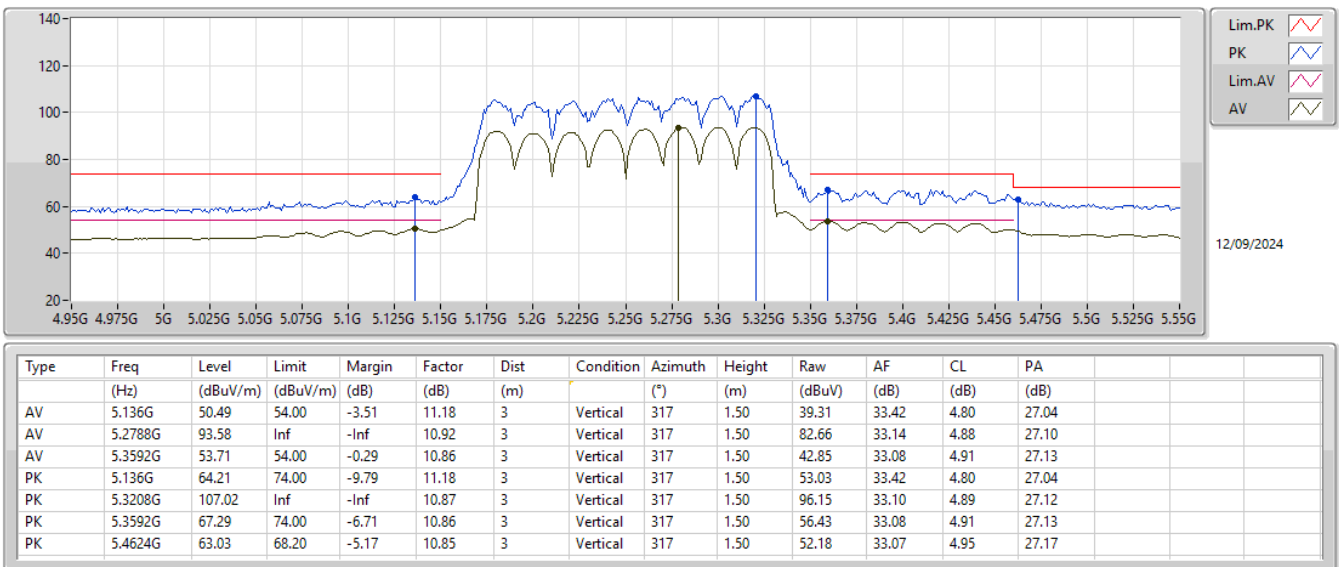
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5250MHz Straddle 5.25-5.35GHz_TX



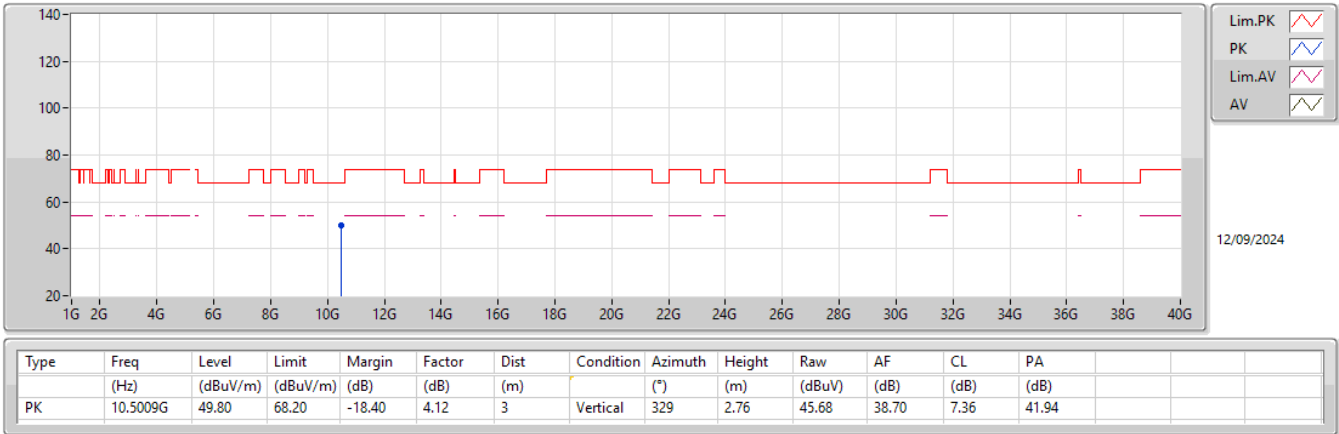
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5250MHz Straddle 5.25-5.35GHz_TX



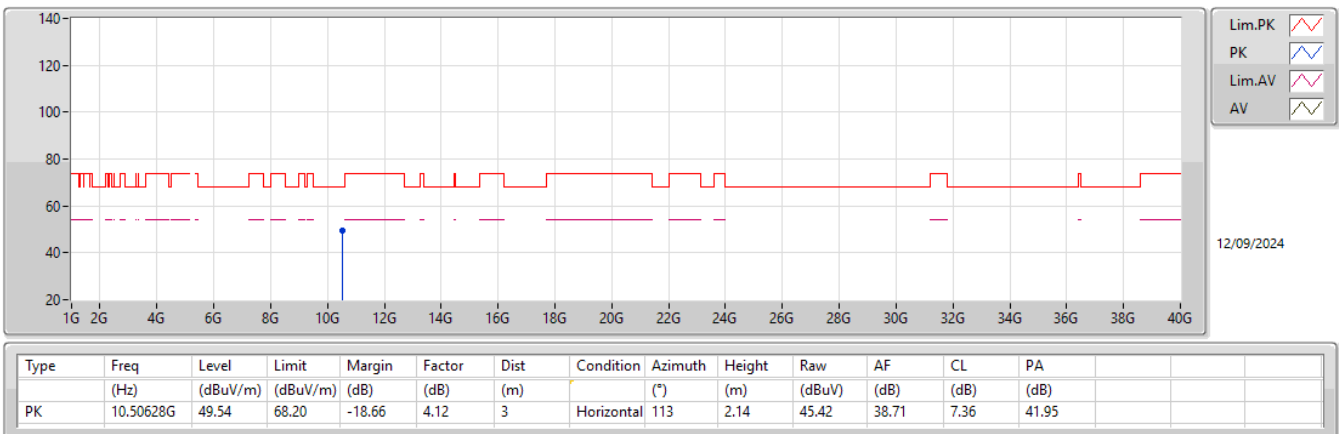
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz_TX



5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz_TX





Summary

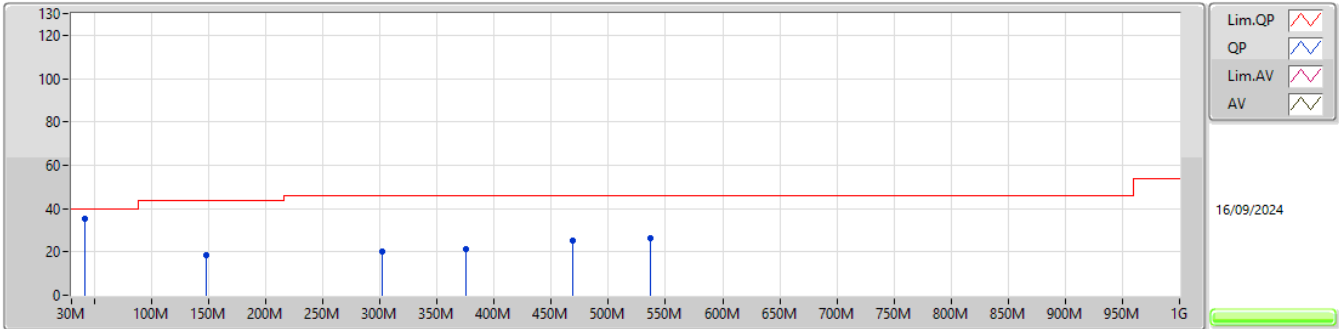
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	41.64M	35.17	40.00	-4.83	3	Vertical	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5300MHz_PoE	Pass	PK	41.64M	35.17	40.00	-4.83	3	Vertical	360	1.00
5300MHz_PoE	Pass	PK	148.34M	18.64	43.50	-24.86	3	Vertical	360	1.00
5300MHz_PoE	Pass	PK	301.6M	20.06	46.00	-25.94	3	Vertical	360	1.00
5300MHz_PoE	Pass	PK	375.32M	21.19	46.00	-24.81	3	Vertical	360	1.00
5300MHz_PoE	Pass	PK	468.44M	25.19	46.00	-20.81	3	Vertical	360	1.00
5300MHz_PoE	Pass	PK	536.34M	26.35	46.00	-19.65	3	Vertical	360	1.00
5300MHz_PoE	Pass	PK	41.64M	25.62	40.00	-14.38	3	Horizontal	0	1.00
5300MHz_PoE	Pass	PK	117.3M	17.30	43.50	-26.20	3	Horizontal	0	1.00
5300MHz_PoE	Pass	PK	239.52M	17.84	46.00	-28.16	3	Horizontal	0	1.00
5300MHz_PoE	Pass	PK	377.26M	22.91	46.00	-23.09	3	Horizontal	0	1.00
5300MHz_PoE	Pass	PK	421.88M	32.67	46.00	-13.33	3	Horizontal	0	1.00
5300MHz_PoE	Pass	PK	565.44M	28.53	46.00	-17.47	3	Horizontal	0	1.00

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

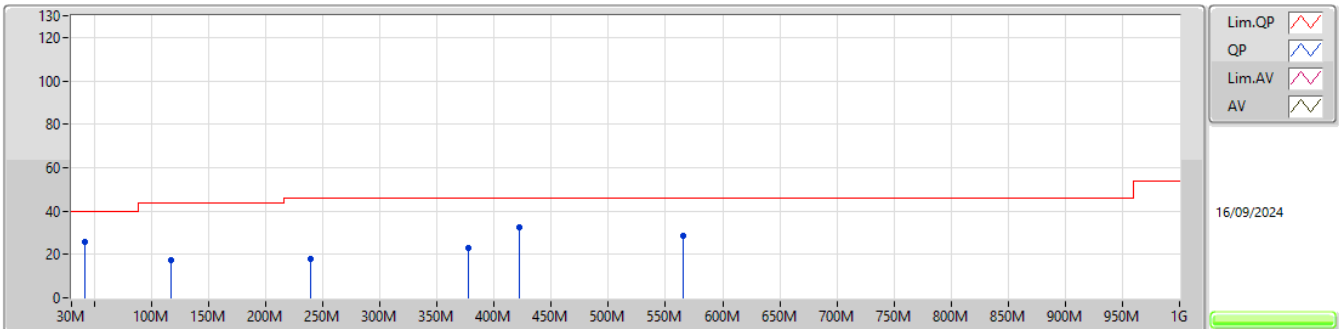
5300MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	41.64M	35.17	40.00	-4.83	-9.89	3	Vertical	360	1.00	45.06	17.22	0.34	27.45
PK	148.34M	18.64	43.50	-24.86	-9.80	3	Vertical	360	1.00	28.44	15.76	1.59	27.15
PK	301.6M	20.06	46.00	-25.94	-6.06	3	Vertical	360	1.00	26.12	18.40	2.25	26.71
PK	375.32M	21.19	46.00	-24.81	-4.63	3	Vertical	360	1.00	25.82	20.05	2.60	27.28
PK	468.44M	25.19	46.00	-20.81	-2.25	3	Vertical	360	1.00	27.44	22.69	3.03	27.97
PK	536.34M	26.35	46.00	-19.65	-0.50	3	Vertical	360	1.00	26.85	24.30	3.37	28.17

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

5300MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	41.64M	25.62	40.00	-14.38	-9.89	3	Horizontal	0	1.00	35.51	17.22	0.34	27.45
PK	117.3M	17.30	43.50	-26.20	-8.53	3	Horizontal	0	1.00	25.83	17.47	1.23	27.23
PK	239.52M	17.84	46.00	-28.16	-8.23	3	Horizontal	0	1.00	26.07	16.42	2.13	26.78
PK	377.26M	22.91	46.00	-23.09	-4.60	3	Horizontal	0	1.00	27.51	20.08	2.61	27.29
PK	421.88M	32.67	46.00	-13.33	-3.00	3	Horizontal	0	1.00	35.67	21.86	2.79	27.65
PK	565.44M	28.53	46.00	-17.47	-0.57	3	Horizontal	0	1.00	29.10	24.15	3.47	28.19

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	5.35G	53.69	54.00	-0.31	3	Vertical	65	1.05
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	AV	5.3516G	52.87	54.00	-1.13	3	Horizontal	313	1.05
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	AV	5.3528G	53.17	54.00	-0.83	3	Vertical	65	1.00
802.11be EHT80_Nss1,(MCS0)_4TX	Pass	AV	5.353G	53.56	54.00	-0.44	3	Vertical	63	1.00
802.11be EHT160_Nss1,(MCS0)_4TX	Pass	AV	5.354G	53.34	54.00	-0.66	3	Vertical	61	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1472G	47.02	54.00	-6.98	3	Vertical	66	1.00
5260MHz	Pass	AV	5.263G	112.21	Inf	-Inf	3	Vertical	66	1.00
5260MHz	Pass	AV	5.3554G	49.44	54.00	-4.56	3	Vertical	66	1.00
5260MHz	Pass	PK	5.1478G	61.28	74.00	-12.72	3	Vertical	66	1.00
5260MHz	Pass	PK	5.263G	122.70	Inf	-Inf	3	Vertical	66	1.00
5260MHz	Pass	PK	5.3608G	63.01	74.00	-10.99	3	Vertical	66	1.00
5260MHz	Pass	AV	5.1364G	46.63	54.00	-7.37	3	Horizontal	324	2.66
5260MHz	Pass	AV	5.2564G	109.40	Inf	-Inf	3	Horizontal	324	2.66
5260MHz	Pass	AV	5.3506G	48.25	54.00	-5.75	3	Horizontal	324	2.66
5260MHz	Pass	PK	5.15G	60.30	74.00	-13.70	3	Horizontal	324	2.66
5260MHz	Pass	PK	5.2564G	120.43	Inf	-Inf	3	Horizontal	324	2.66
5260MHz	Pass	PK	5.3542G	61.37	74.00	-12.63	3	Horizontal	324	2.66
5260MHz	Pass	PK	10.51972G	50.30	68.20	-17.90	3	Vertical	277	1.50
5260MHz	Pass	PK	10.51891G	49.63	68.20	-18.57	3	Horizontal	111	1.50
5300MHz	Pass	AV	5.3032G	112.03	Inf	-Inf	3	Vertical	63	1.00
5300MHz	Pass	AV	5.35G	52.14	54.00	-1.86	3	Vertical	63	1.00
5300MHz	Pass	PK	5.3024G	122.70	Inf	-Inf	3	Vertical	63	1.00
5300MHz	Pass	PK	5.3632G	67.39	74.00	-6.61	3	Vertical	63	1.00
5300MHz	Pass	AV	5.2928G	108.62	Inf	-Inf	3	Horizontal	313	1.50
5300MHz	Pass	AV	5.3536G	51.95	54.00	-2.05	3	Horizontal	313	1.50
5300MHz	Pass	PK	5.2932G	119.15	Inf	-Inf	3	Horizontal	313	1.50
5300MHz	Pass	PK	5.3528G	69.47	74.00	-4.53	3	Horizontal	313	1.50
5300MHz	Pass	PK	10.59945G	49.21	68.20	-18.99	3	Vertical	62	1.32
5300MHz	Pass	PK	10.59993G	49.55	68.20	-18.65	3	Horizontal	77	2.73
5320MHz	Pass	AV	5.3234G	111.40	Inf	-Inf	3	Vertical	65	1.05
5320MHz	Pass	AV	5.35G	53.69	54.00	-0.31	3	Vertical	65	1.05
5320MHz	Pass	PK	5.3226G	121.91	Inf	-Inf	3	Vertical	65	1.05
5320MHz	Pass	PK	5.351G	68.94	74.00	-5.06	3	Vertical	65	1.05
5320MHz	Pass	AV	5.3128G	107.85	Inf	-Inf	3	Horizontal	318	1.50
5320MHz	Pass	AV	5.3512G	52.87	54.00	-1.13	3	Horizontal	318	1.50
5320MHz	Pass	PK	5.313G	118.28	Inf	-Inf	3	Horizontal	318	1.50
5320MHz	Pass	PK	5.3526G	69.23	74.00	-4.77	3	Horizontal	318	1.50
5320MHz	Pass	AV	10.64215G	35.75	54.00	-18.25	3	Vertical	162	1.19
5320MHz	Pass	PK	10.63852G	50.04	74.00	-23.96	3	Vertical	162	1.19
5320MHz	Pass	AV	10.64077G	35.73	54.00	-18.27	3	Horizontal	36	1.47
5320MHz	Pass	PK	10.64167G	49.52	74.00	-24.48	3	Horizontal	36	1.47
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1406G	47.20	54.00	-6.80	3	Vertical	60	1.02
5260MHz	Pass	AV	5.2636G	111.69	Inf	-Inf	3	Vertical	60	1.02
5260MHz	Pass	AV	5.3548G	48.86	54.00	-5.14	3	Vertical	60	1.02
5260MHz	Pass	PK	5.1394G	60.87	74.00	-13.13	3	Vertical	60	1.02
5260MHz	Pass	PK	5.2642G	124.11	Inf	-Inf	3	Vertical	60	1.02
5260MHz	Pass	PK	5.3536G	62.08	74.00	-11.92	3	Vertical	60	1.02
5260MHz	Pass	AV	5.149G	46.79	54.00	-7.21	3	Horizontal	312	1.05
5260MHz	Pass	AV	5.2516G	108.80	Inf	-Inf	3	Horizontal	312	1.05
5260MHz	Pass	AV	5.3644G	47.89	54.00	-6.11	3	Horizontal	312	1.05
5260MHz	Pass	PK	5.1478G	60.80	74.00	-13.20	3	Horizontal	312	1.05
5260MHz	Pass	PK	5.2516G	121.05	Inf	-Inf	3	Horizontal	312	1.05
5260MHz	Pass	PK	5.3626G	61.62	74.00	-12.38	3	Horizontal	312	1.05
5260MHz	Pass	PK	10.51802G	49.87	68.20	-18.33	3	Vertical	35	1.31
5260MHz	Pass	PK	10.51954G	50.09	68.20	-18.11	3	Horizontal	83	1.50
5300MHz	Pass	AV	5.3088G	111.56	Inf	-Inf	3	Vertical	60	2.14
5300MHz	Pass	AV	5.35G	51.09	54.00	-2.91	3	Vertical	60	2.14
5300MHz	Pass	PK	5.3088G	125.16	Inf	-Inf	3	Vertical	60	2.14
5300MHz	Pass	PK	5.35G	65.64	74.00	-8.36	3	Vertical	60	2.14
5300MHz	Pass	AV	5.2912G	109.43	Inf	-Inf	3	Horizontal	313	1.05
5300MHz	Pass	AV	5.3516G	52.87	54.00	-1.13	3	Horizontal	313	1.05
5300MHz	Pass	PK	5.2912G	122.74	Inf	-Inf	3	Horizontal	313	1.05
5300MHz	Pass	PK	5.3524G	70.83	74.00	-3.17	3	Horizontal	313	1.05
5300MHz	Pass	PK	10.60094G	51.55	74.00	-22.45	3	Vertical	240	2.13

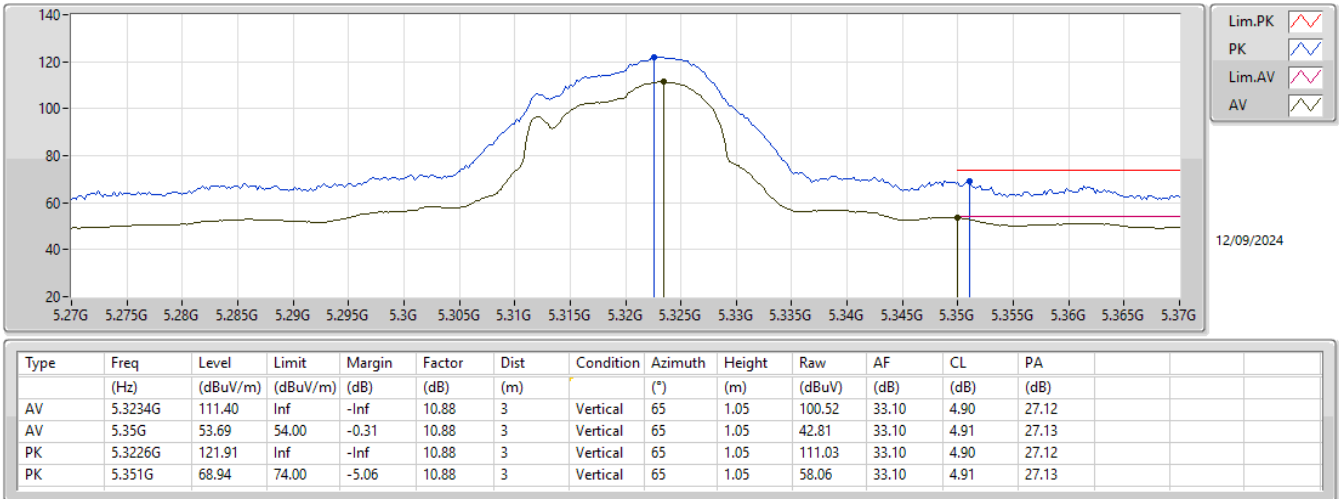
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5300MHz	Pass	PK	10.60118G	50.04	74.00	-23.96	3	Horizontal	56	1.56
5320MHz	Pass	AV	5.3234G	110.71	Inf	-Inf	3	Vertical	66	1.03
5320MHz	Pass	AV	5.3606G	51.20	54.00	-2.80	3	Vertical	66	1.03
5320MHz	Pass	PK	5.3242G	123.59	Inf	-Inf	3	Vertical	66	1.03
5320MHz	Pass	PK	5.3604G	66.38	74.00	-7.62	3	Vertical	66	1.03
5320MHz	Pass	AV	5.3112G	108.61	Inf	-Inf	3	Horizontal	317	1.01
5320MHz	Pass	AV	5.35G	51.34	54.00	-2.66	3	Horizontal	317	1.01
5320MHz	Pass	PK	5.3114G	120.82	Inf	-Inf	3	Horizontal	317	1.01
5320MHz	Pass	PK	5.3504G	69.50	74.00	-4.50	3	Horizontal	317	1.01
5320MHz	Pass	AV	10.64244G	36.22	54.00	-17.78	3	Vertical	26	1.25
5320MHz	Pass	PK	10.64173G	49.99	74.00	-24.01	3	Vertical	26	1.25
5320MHz	Pass	AV	10.64218G	36.18	54.00	-17.82	3	Horizontal	317	1.50
5320MHz	Pass	PK	10.63973G	50.05	74.00	-23.95	3	Horizontal	317	1.50
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.2736G	108.44	Inf	-Inf	3	Vertical	58	1.03
5270MHz	Pass	AV	5.3524G	52.95	54.00	-1.05	3	Vertical	58	1.03
5270MHz	Pass	PK	5.2736G	120.98	Inf	-Inf	3	Vertical	58	1.03
5270MHz	Pass	PK	5.352G	69.13	74.00	-4.87	3	Vertical	58	1.03
5270MHz	Pass	AV	5.2812G	106.30	Inf	-Inf	3	Horizontal	315	1.02
5270MHz	Pass	AV	5.3536G	51.43	54.00	-2.57	3	Horizontal	315	1.02
5270MHz	Pass	PK	5.2816G	119.03	Inf	-Inf	3	Horizontal	315	1.02
5270MHz	Pass	PK	5.3544G	68.76	74.00	-5.24	3	Horizontal	315	1.02
5270MHz	Pass	PK	10.53829G	49.64	68.20	-18.56	3	Vertical	58	1.67
5270MHz	Pass	PK	10.53864G	49.77	68.20	-18.43	3	Horizontal	249	1.50
5310MHz	Pass	AV	5.3136G	106.77	Inf	-Inf	3	Vertical	65	1.00
5310MHz	Pass	AV	5.3528G	53.17	54.00	-0.83	3	Vertical	65	1.00
5310MHz	Pass	PK	5.2924G	119.66	Inf	-Inf	3	Vertical	65	1.00
5310MHz	Pass	PK	5.352G	70.32	74.00	-3.68	3	Vertical	65	1.00
5310MHz	Pass	AV	5.3212G	103.89	Inf	-Inf	3	Horizontal	320	1.01
5310MHz	Pass	AV	5.3532G	50.96	54.00	-3.04	3	Horizontal	320	1.01
5310MHz	Pass	PK	5.3212G	117.02	Inf	-Inf	3	Horizontal	320	1.01
5310MHz	Pass	PK	5.3524G	66.82	74.00	-7.18	3	Horizontal	320	1.01
5310MHz	Pass	AV	10.61834G	36.10	54.00	-17.90	3	Vertical	0	1.50
5310MHz	Pass	PK	10.62088G	49.86	74.00	-24.14	3	Vertical	0	1.50
5310MHz	Pass	AV	10.61771G	36.10	54.00	-17.90	3	Horizontal	29	1.50
5310MHz	Pass	PK	10.62179G	50.33	74.00	-23.67	3	Horizontal	29	1.50
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.147G	48.02	54.00	-5.98	3	Vertical	63	1.00
5290MHz	Pass	AV	5.293G	103.69	Inf	-Inf	3	Vertical	63	1.00
5290MHz	Pass	AV	5.353G	53.56	54.00	-0.44	3	Vertical	63	1.00
5290MHz	Pass	PK	5.136G	61.19	74.00	-12.81	3	Vertical	63	1.00
5290MHz	Pass	PK	5.293G	116.85	Inf	-Inf	3	Vertical	63	1.00
5290MHz	Pass	PK	5.353G	66.28	74.00	-7.72	3	Vertical	63	1.00
5290MHz	Pass	PK	5.48G	62.04	68.20	-6.16	3	Vertical	63	1.00
5290MHz	Pass	AV	5.135G	47.61	54.00	-6.39	3	Horizontal	312	1.01
5290MHz	Pass	AV	5.321G	101.08	Inf	-Inf	3	Horizontal	312	1.01
5290MHz	Pass	AV	5.361G	51.40	54.00	-2.60	3	Horizontal	312	1.01
5290MHz	Pass	PK	5.134G	60.86	74.00	-13.14	3	Horizontal	312	1.01
5290MHz	Pass	PK	5.322G	113.19	Inf	-Inf	3	Horizontal	312	1.01
5290MHz	Pass	PK	5.362G	64.32	74.00	-9.68	3	Horizontal	312	1.01
5290MHz	Pass	PK	5.492G	61.66	68.20	-6.54	3	Horizontal	312	1.01
5290MHz	Pass	PK	10.58143G	50.48	68.20	-17.72	3	Vertical	45	1.50
5290MHz	Pass	PK	10.58083G	50.16	68.20	-18.04	3	Horizontal	16	1.50
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.134G	53.08	54.00	-0.92	3	Vertical	61	1.00
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.314G	100.03	Inf	-Inf	3	Vertical	61	1.00
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.354G	53.34	54.00	-0.66	3	Vertical	61	1.00
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.135G	65.98	74.00	-8.02	3	Vertical	61	1.00
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.314G	113.06	Inf	-Inf	3	Vertical	61	1.00
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.354G	66.49	74.00	-7.51	3	Vertical	61	1.00
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.474G	62.40	68.20	-5.80	3	Vertical	61	1.00
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.135G	51.29	54.00	-2.71	3	Horizontal	314	1.01



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.321G	98.08	Inf	-Inf	3	Horizontal	314	1.01
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.362G	51.20	54.00	-2.80	3	Horizontal	314	1.01
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.115G	64.72	74.00	-9.28	3	Horizontal	314	1.01
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.321G	111.07	Inf	-Inf	3	Horizontal	314	1.01
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.382G	63.80	74.00	-10.20	3	Horizontal	314	1.01
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.461G	62.31	68.20	-5.89	3	Horizontal	314	1.01
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.49991G	49.82	68.20	-18.38	3	Vertical	24	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.49939G	49.76	68.20	-18.44	3	Horizontal	360	1.50

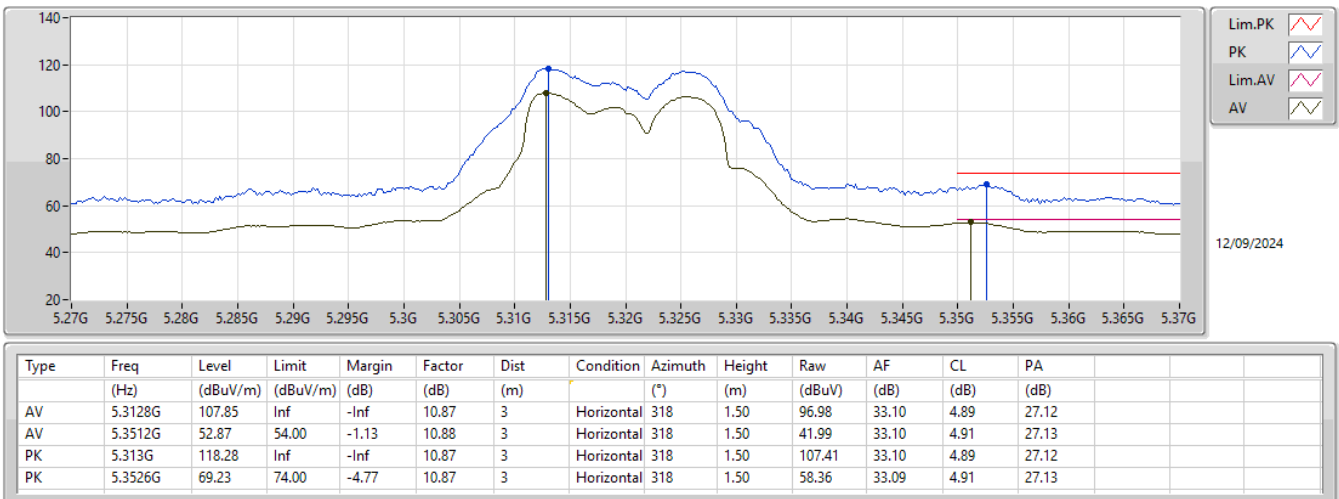
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX



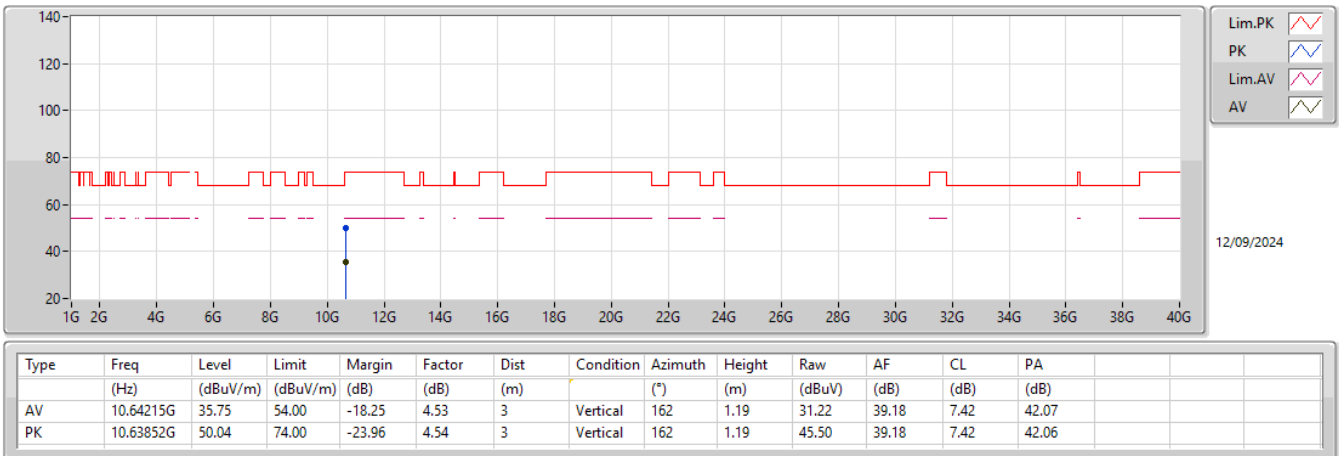
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5320MHz_TX



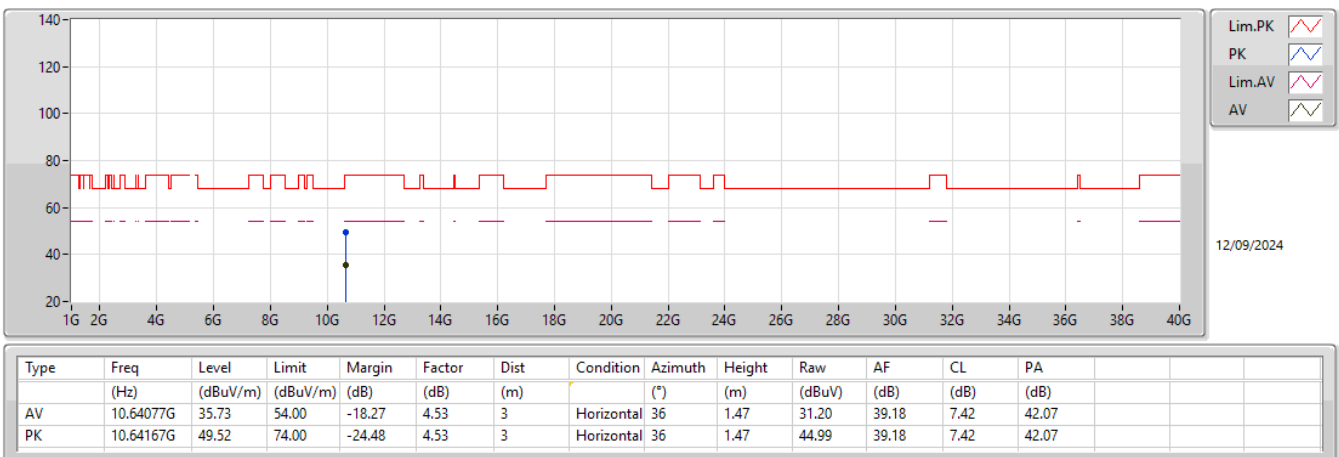
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5320MHz_TX



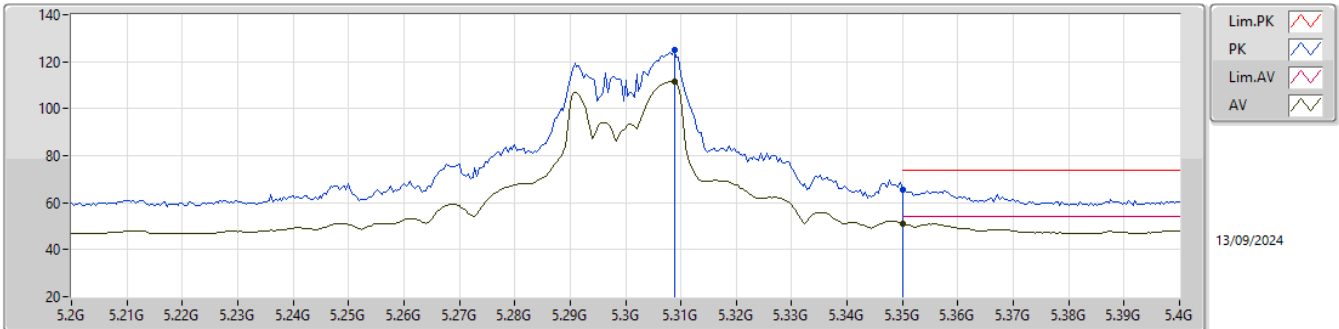
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX



5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

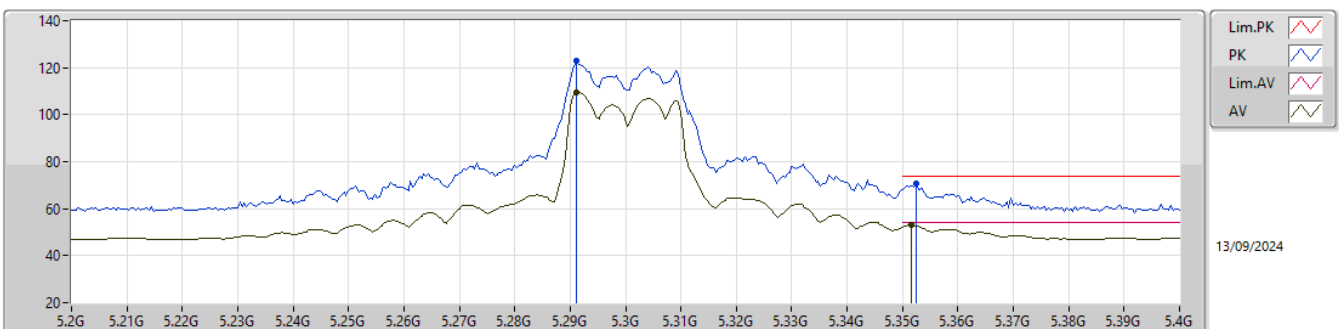
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.3088G	111.56	Inf	-Inf	10.88	3	Vertical	60	2.14	100.68	33.10	4.89	27.11
AV	5.35G	51.09	54.00	-2.91	10.88	3	Vertical	60	2.14	40.21	33.10	4.91	27.13
PK	5.3088G	125.16	Inf	-Inf	10.88	3	Vertical	60	2.14	114.28	33.10	4.89	27.11
PK	5.35G	65.64	74.00	-8.36	10.88	3	Vertical	60	2.14	54.76	33.10	4.91	27.13

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

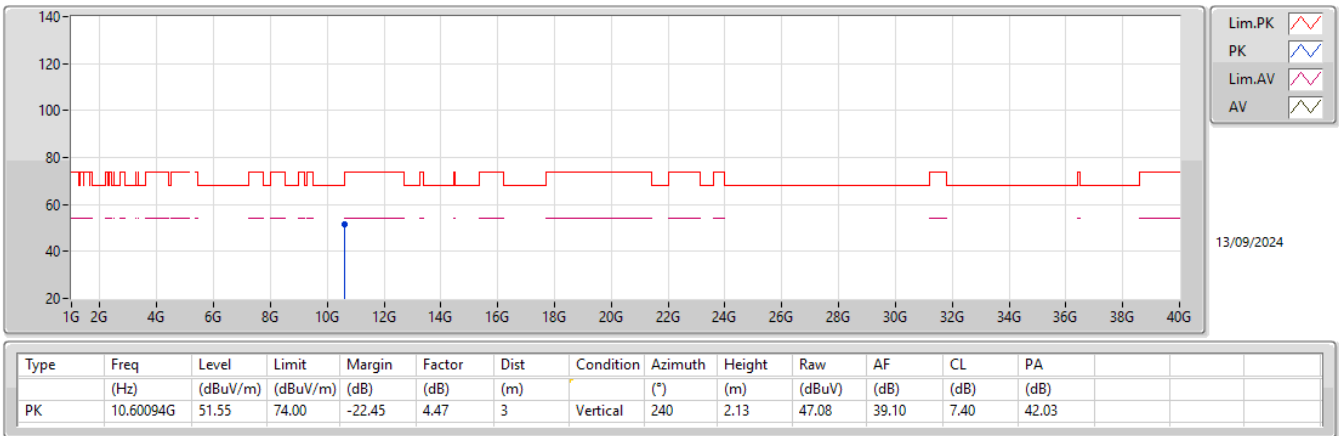
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.2912G	109.43	Inf	-Inf	10.89	3	Horizontal	313	1.05	98.54	33.12	4.88	27.11
AV	5.3516G	52.87	54.00	-1.13	10.88	3	Horizontal	313	1.05	41.99	33.10	4.91	27.13
PK	5.2912G	122.74	Inf	-Inf	10.89	3	Horizontal	313	1.05	111.85	33.12	4.88	27.11
PK	5.3524G	70.83	74.00	-3.17	10.88	3	Horizontal	313	1.05	59.95	33.10	4.91	27.13

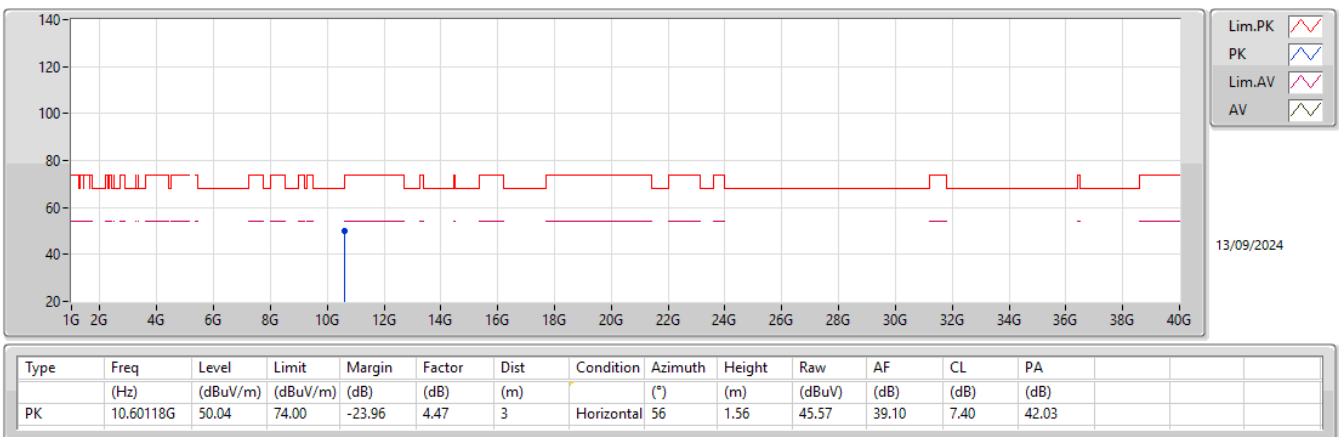
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5300MHz_TX



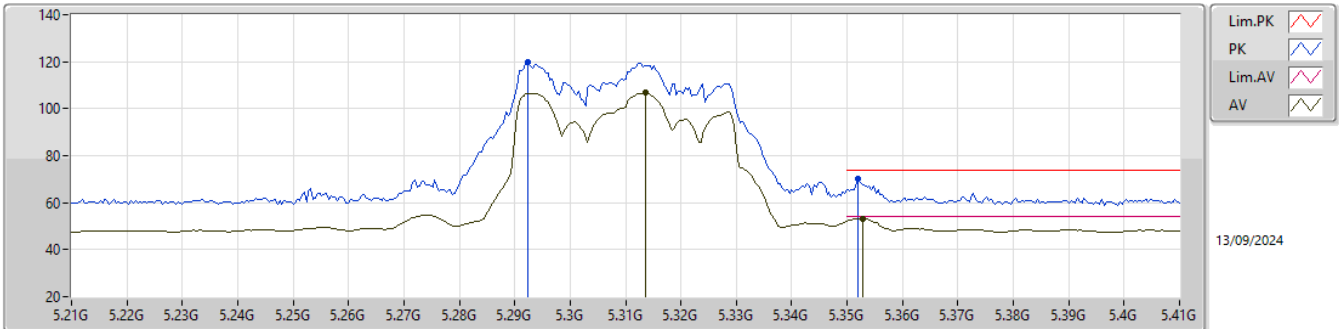
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5300MHz_TX



5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

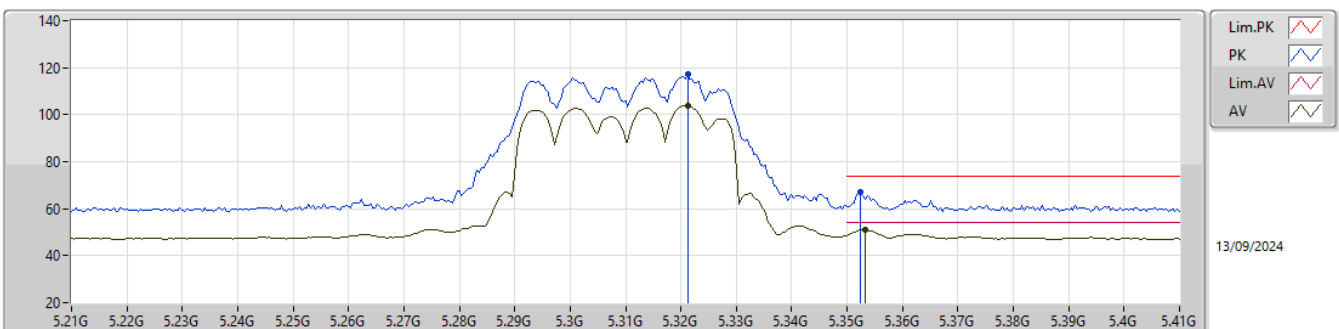
5310MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3136G	106.77	Inf	-Inf	10.87	3	Vertical	65	1.00	95.90	33.10	4.89	27.12
AV	5.3528G	53.17	54.00	-0.83	10.87	3	Vertical	65	1.00	42.30	33.09	4.91	27.13
PK	5.2924G	119.66	Inf	-Inf	10.89	3	Vertical	65	1.00	108.77	33.12	4.88	27.11
PK	5.352G	70.32	74.00	-3.68	10.88	3	Vertical	65	1.00	59.44	33.10	4.91	27.13

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

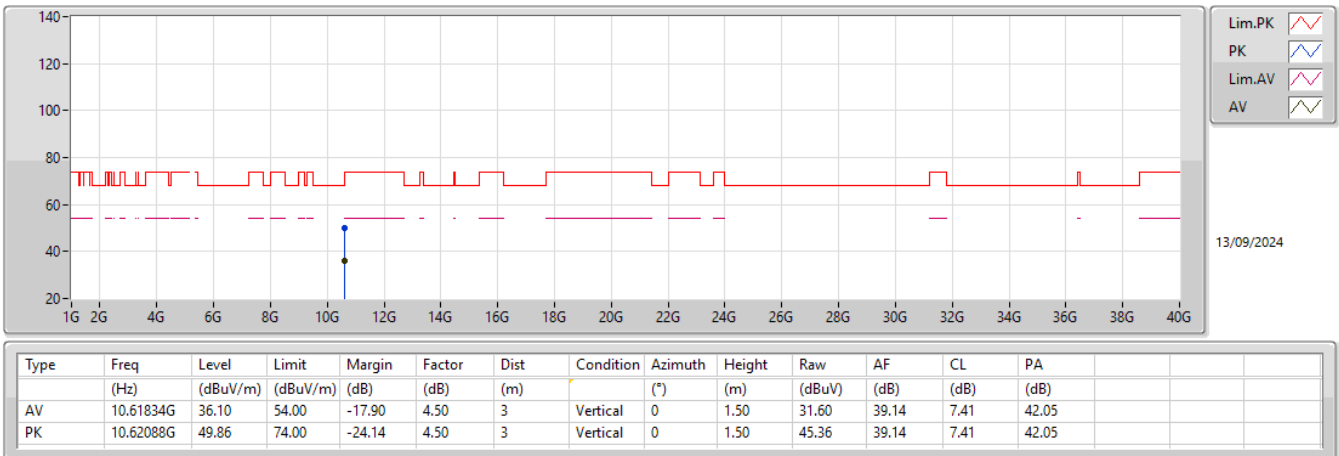
5310MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3212G	103.89	Inf	-Inf	10.87	3	Horizontal	320	1.01	93.02	33.10	4.89	27.12
AV	5.3532G	50.96	54.00	-3.04	10.87	3	Horizontal	320	1.01	40.09	33.09	4.91	27.13
PK	5.3212G	117.02	Inf	-Inf	10.87	3	Horizontal	320	1.01	106.15	33.10	4.89	27.12
PK	5.3524G	66.82	74.00	-7.18	10.88	3	Horizontal	320	1.01	55.94	33.10	4.91	27.13

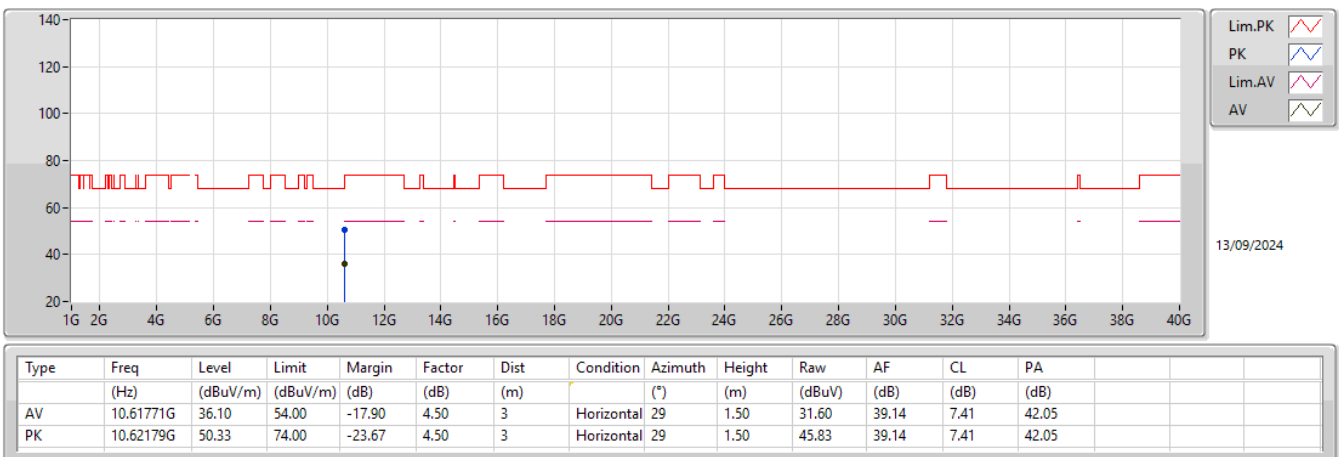
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5310MHz_TX



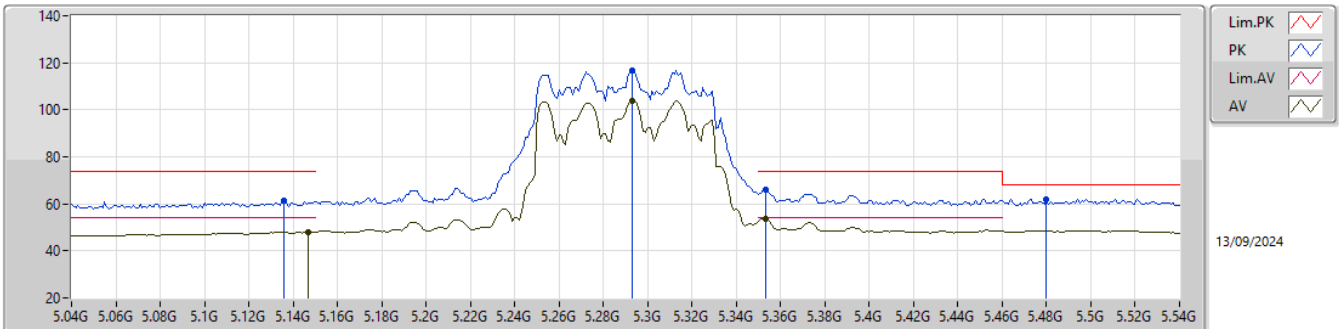
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5310MHz_TX



5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

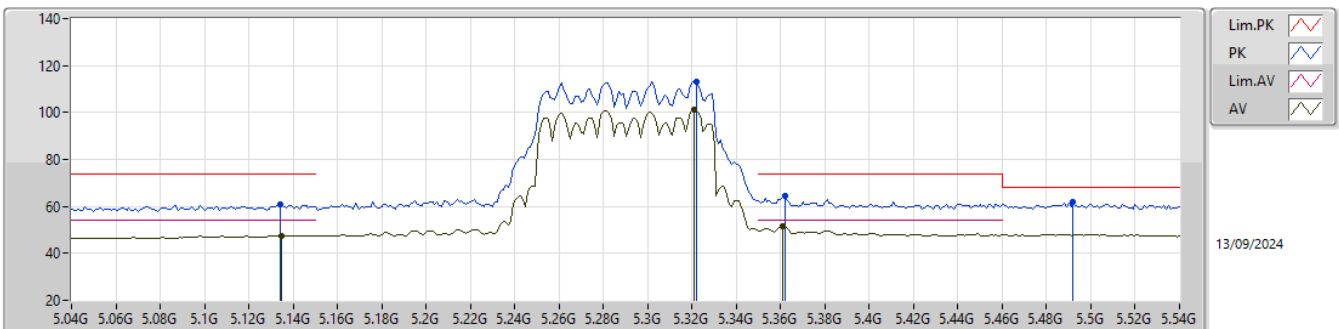
5290MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.147G	48.02	54.00	-5.98	11.24	3	Vertical	63	1.00	36.78	33.48	4.81	27.05
AV	5.293G	103.69	Inf	-Inf	10.88	3	Vertical	63	1.00	92.81	33.11	4.88	27.11
AV	5.353G	53.56	54.00	-0.44	10.87	3	Vertical	63	1.00	42.69	33.09	4.91	27.13
PK	5.136G	61.19	74.00	-12.81	11.18	3	Vertical	63	1.00	50.01	33.42	4.80	27.04
PK	5.293G	116.85	Inf	-Inf	10.88	3	Vertical	63	1.00	105.97	33.11	4.88	27.11
PK	5.353G	66.28	74.00	-7.72	10.87	3	Vertical	63	1.00	55.41	33.09	4.91	27.13
PK	5.48G	62.04	68.20	-6.16	10.95	3	Vertical	63	1.00	51.09	33.18	4.95	27.18

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

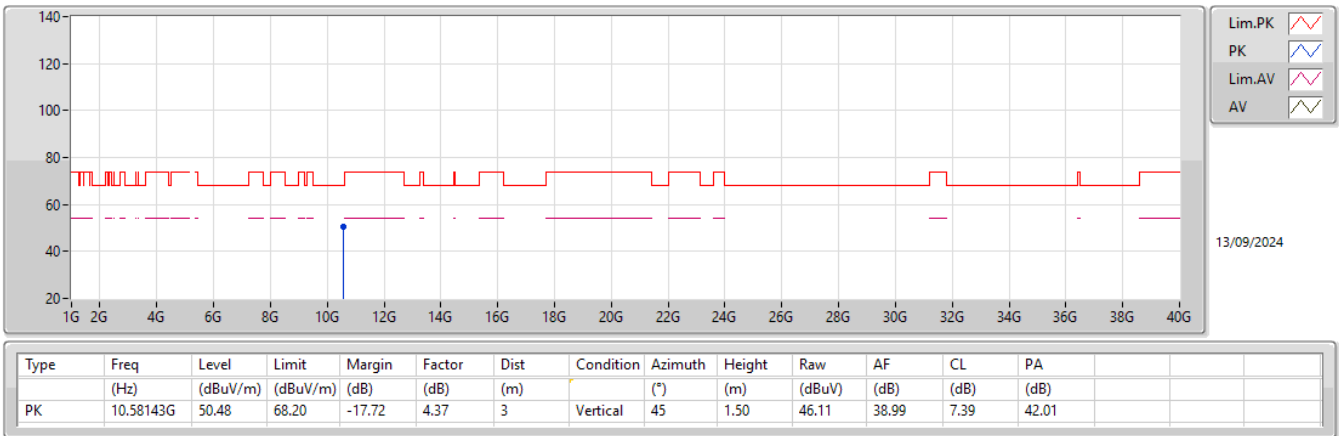
5290MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.135G	47.61	54.00	-6.39	11.17	3	Horizontal	312	1.01	36.44	33.41	4.80	27.04
AV	5.321G	101.08	Inf	-Inf	10.87	3	Horizontal	312	1.01	90.21	33.10	4.89	27.12
AV	5.361G	51.40	54.00	-2.60	10.86	3	Horizontal	312	1.01	40.54	33.08	4.91	27.13
PK	5.134G	60.86	74.00	-13.14	11.16	3	Horizontal	312	1.01	49.70	33.40	4.80	27.04
PK	5.322G	113.19	Inf	-Inf	10.87	3	Horizontal	312	1.01	102.32	33.10	4.89	27.12
PK	5.362G	64.32	74.00	-9.68	10.86	3	Horizontal	312	1.01	53.46	33.08	4.91	27.13
PK	5.492G	61.66	68.20	-6.54	11.01	3	Horizontal	312	1.01	50.65	33.25	4.95	27.19

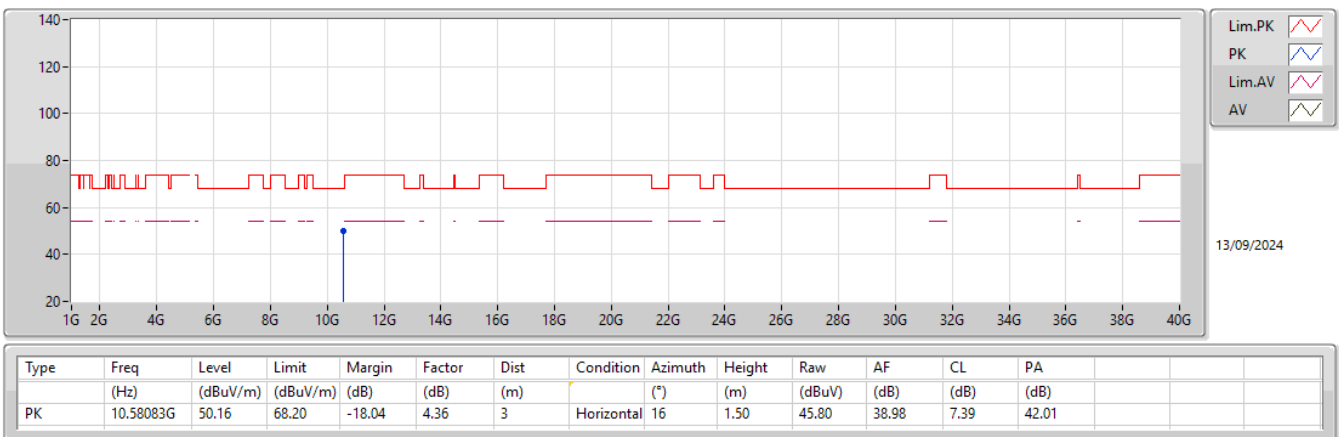
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

5290MHz_TX



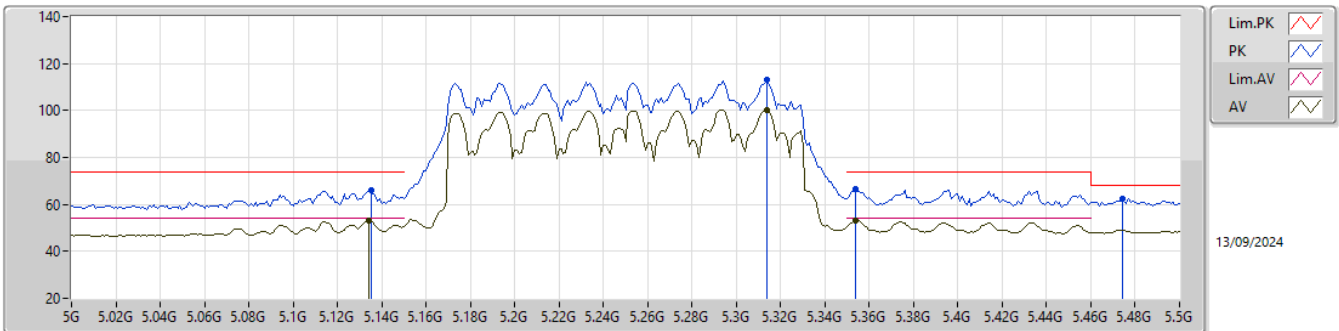
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

5290MHz_TX



5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

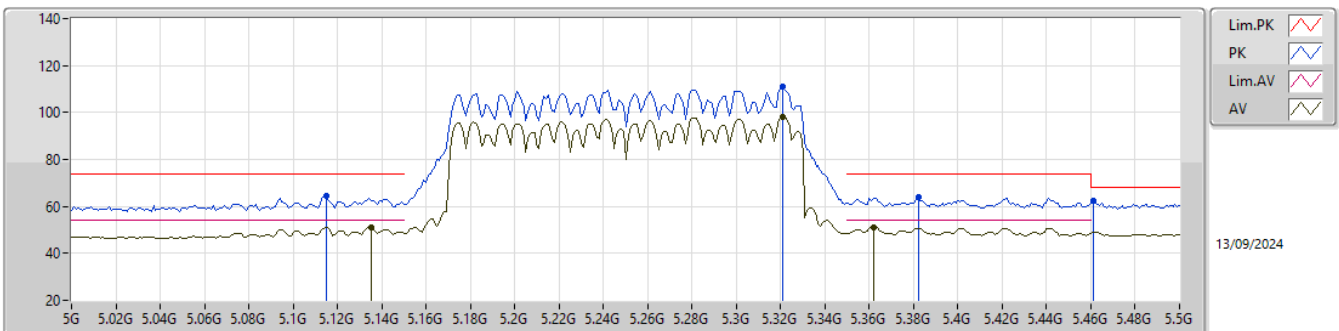
5250MHz Straddle 5.25-5.35GHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.134G	53.08	54.00	-0.92	11.16	3	Vertical	61	1.00	41.92	33.40	4.80	27.04
AV	5.314G	100.03	Inf	-Inf	10.87	3	Vertical	61	1.00	89.16	33.10	4.89	27.12
AV	5.354G	53.34	54.00	-0.66	10.87	3	Vertical	61	1.00	42.47	33.09	4.91	27.13
PK	5.135G	65.98	74.00	-8.02	11.17	3	Vertical	61	1.00	54.81	33.41	4.80	27.04
PK	5.314G	113.06	Inf	-Inf	10.87	3	Vertical	61	1.00	102.19	33.10	4.89	27.12
PK	5.354G	66.49	74.00	-7.51	10.87	3	Vertical	61	1.00	55.62	33.09	4.91	27.13
PK	5.474G	62.40	68.20	-5.80	10.91	3	Vertical	61	1.00	51.49	33.14	4.95	27.18

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_TX

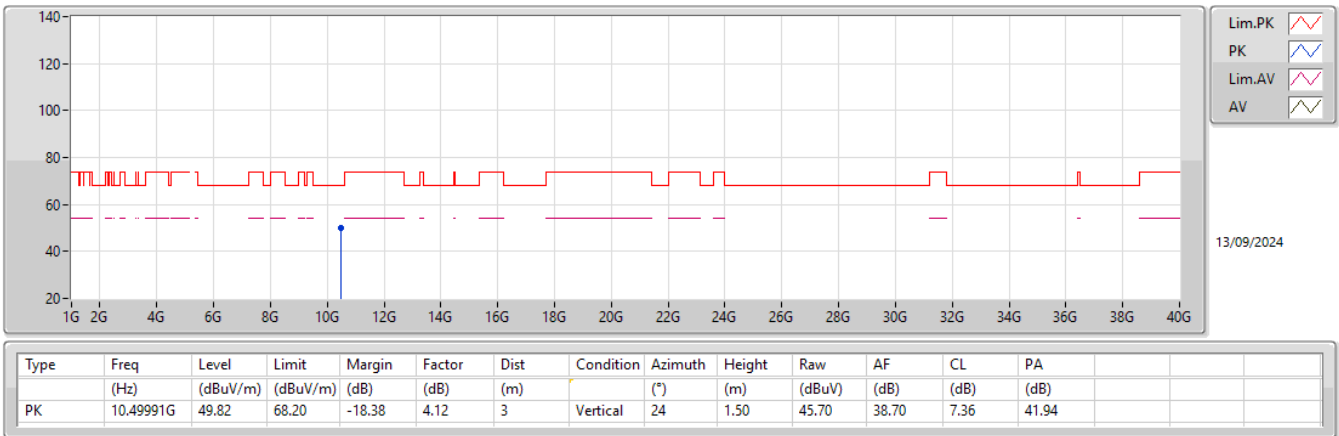


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.135G	51.29	54.00	-2.71	11.17	3	Horizontal	314	1.01	40.12	33.41	4.80	27.04
AV	5.321G	98.08	Inf	-Inf	10.87	3	Horizontal	314	1.01	87.21	33.10	4.89	27.12
AV	5.362G	51.20	54.00	-2.80	10.86	3	Horizontal	314	1.01	40.34	33.08	4.91	27.13
PK	5.115G	64.72	74.00	-9.28	11.04	3	Horizontal	314	1.01	53.68	33.29	4.79	27.04
PK	5.321G	111.07	Inf	-Inf	10.87	3	Horizontal	314	1.01	100.20	33.10	4.89	27.12
PK	5.382G	63.80	74.00	-10.20	10.82	3	Horizontal	314	1.01	52.98	33.04	4.92	27.14
PK	5.461G	62.31	68.20	-5.89	10.85	3	Horizontal	314	1.01	51.46	33.07	4.95	27.17



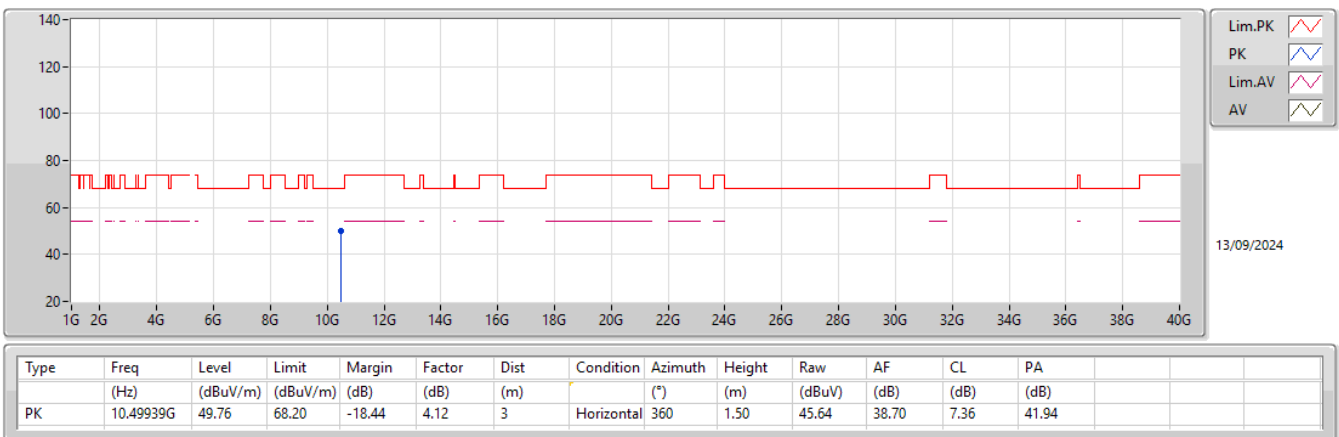
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_TX



5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_TX





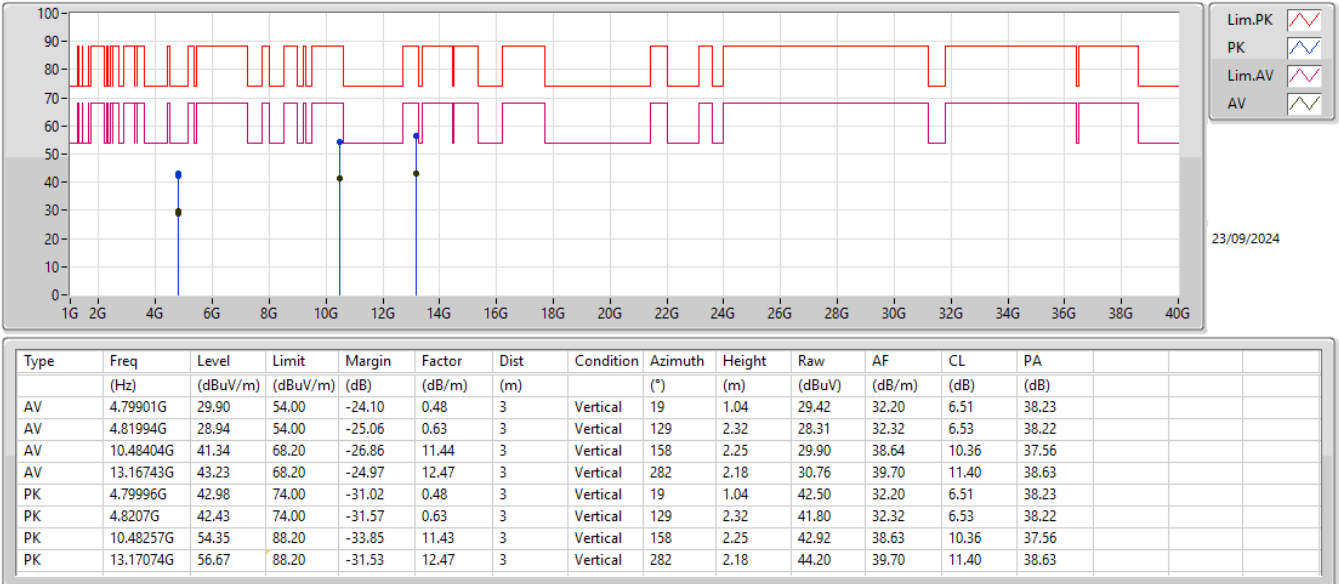
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.79901G	29.90	54.00	-24.10	Vertical

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	4.79901G	29.90	54.00	-24.10	3	Vertical	19	1.04
Mode 1	Pass	AV	4.81994G	28.94	54.00	-25.06	3	Vertical	129	2.32
Mode 1	Pass	AV	10.48404G	41.34	68.20	-26.86	3	Vertical	158	2.25
Mode 1	Pass	AV	13.16743G	43.23	68.20	-24.97	3	Vertical	282	2.18
Mode 1	Pass	PK	4.79996G	42.98	74.00	-31.02	3	Vertical	19	1.04
Mode 1	Pass	PK	4.8207G	42.43	74.00	-31.57	3	Vertical	129	2.32
Mode 1	Pass	PK	10.48257G	54.35	88.20	-33.85	3	Vertical	158	2.25
Mode 1	Pass	PK	13.17074G	56.67	88.20	-31.53	3	Vertical	282	2.18
Mode 1	Pass	AV	4.7998G	29.85	54.00	-24.15	3	Horizontal	225	2.14
Mode 1	Pass	AV	4.82343G	29.05	54.00	-24.95	3	Horizontal	197	1.47
Mode 1	Pass	AV	10.47985G	41.28	68.20	-26.92	3	Horizontal	322	1.85
Mode 1	Pass	AV	13.17256G	43.11	68.20	-25.09	3	Horizontal	130	2.42
Mode 1	Pass	PK	4.80391G	43.36	74.00	-30.64	3	Horizontal	225	2.14
Mode 1	Pass	PK	4.82665G	42.11	74.00	-31.89	3	Horizontal	197	1.47
Mode 1	Pass	PK	10.48057G	54.82	88.20	-33.38	3	Horizontal	322	1.85
Mode 1	Pass	PK	13.16646G	56.54	88.20	-31.66	3	Horizontal	130	2.42

Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 1

